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QUARTERLY REPORT NO. 15

OCTOBER – DECEMBER 2008



JANUARY 2009

This publication was produced by Development Alternatives, Inc. for the United States Agency for International Development - Indonesia under Contract No. 497-M-00-05-00005-00

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USAID Director for Indonesia, Walter North, presented awards to the Municipal Water Company (PDAM) of Sidoarjo Regency for its successful Micro-Credit program and PDAM of Tirtanadi Medan for their outstanding Master Meter program.

For more about this, please read the Cover Story on page v.

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Title:	Quarterly Report No. 15, October - December2008.
Program, activity, or project number:	Environmental Services Program, DAI Project Number: 5300201.
Strategic objective number:	SO No. 2, Higher Quality Basic Human Services Utilized (BHS).
Sponsoring USAID office and contract number:	USAID/Indonesia, Contract number: 497-M-00-05-00005-00.
Contractor name:	DAI.
Date of publication:	January 2009.

Development Alternatives, Inc.



In collaboration with:

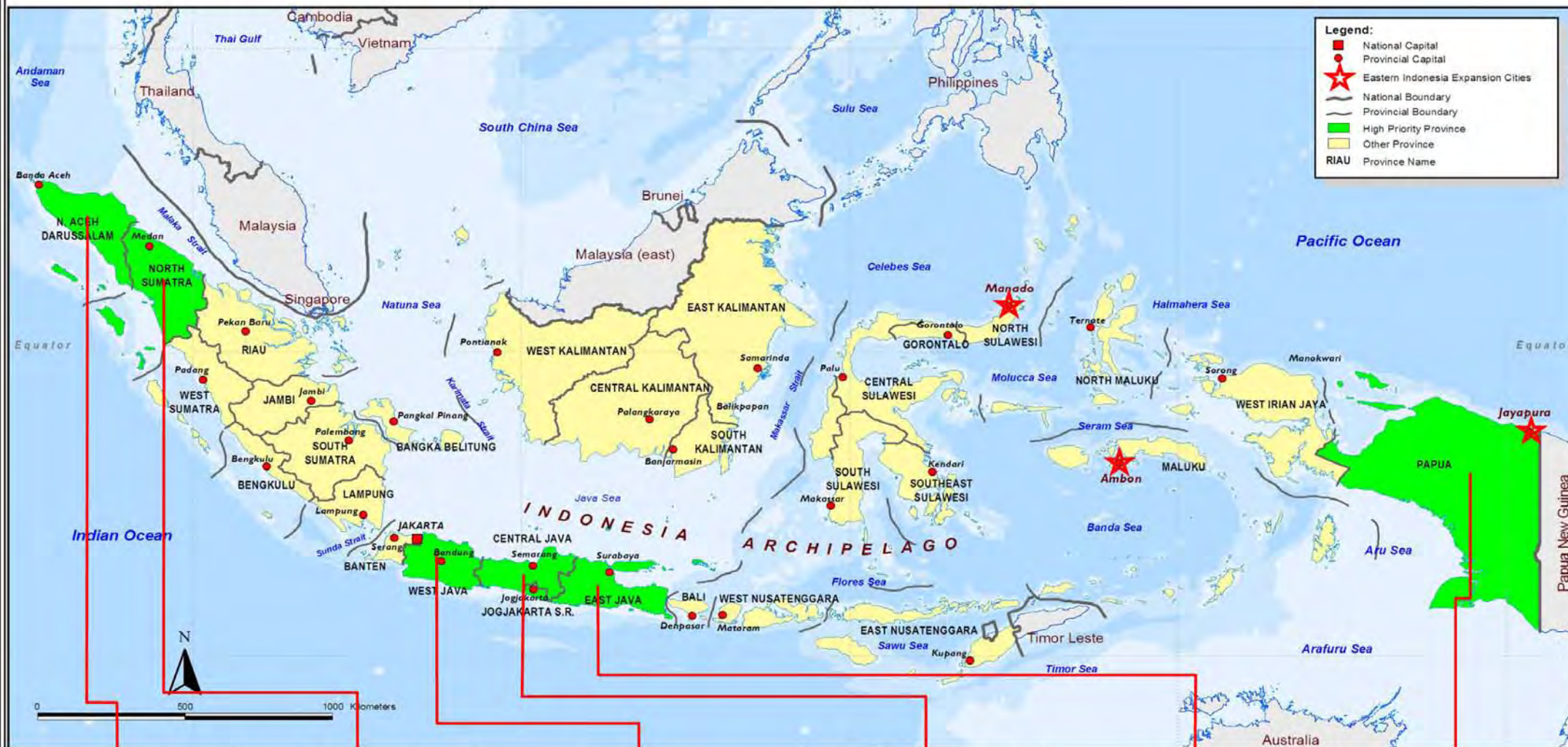
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Map QPR Indonesia - I
Location of ESP Integrated Sites Activities
In Indonesia



Krueng Aceh Watershed;
Ulu Masen Conservation Area;
Mt. Leuser Nat. Park; Aceh Jaya, Aceh
Besar & Pidie Districts

Lau Petani Sub-watershed, Wampu Watershed; Bukit Barisan GF. Park; Medan, Binjai and Sibolga Municipalities; Karo, Langkat & Deli Serdang Districts

Cikapundung & Cikundul – Cilaku Sub Watersheds, Cimandiri Watershed; Gede-Pangrango Nat. Park, Halimun-Salak Nat. Park; Bandung, Bogor & Sukabumi Municipalities; Bandung, Sukabumi, Bogor, Cianjur, Purwakarta, Bandung, Bandung Barat & Subang Districts; Prov. of DKI Jakarta

Blongkeng, Tangsi, Bolong, Soti, Kanci
Sub-watershed; Yogyakarta, Magelang
& Surakarta Municipalities, Wonogiri,
Magelang, Magelang and Sleman
districts

Sumber Brantas, Welang, Brangkal Ambang,
Melamon, Maspo & Lesti Sub-watersheds;
Ir. Raden Soerjo GF Park. Park, Bromo Tengger
Semeru Nat. Park; Batu, Surabaya & Malang
Municipalities; Mojokerto, Sidoarjo, Malang,
Pasuruan, Gresik Districts

Spatial Planning for Papua Province,
Jayapura, Ambon & Manado
Municipalities

COVER STORY

ESP LAUNCHES INNOVATIVE “WATER FOR THE POOR” TOOLKIT

The “Water for the Poor” toolkit is a perfect representation of how determined low-income communities, despite limited resources, can analyze and solve their own clean water problems and manage public facilities to improve the greater community’s standard of health and sanitation.

On Monday, December 15, 2008, Environment Services Program (ESP) hosted a seminar to launch the innovative “Water for the Poor” toolkit at Le Meridien Hotel, Jakarta. The toolkit, which consists of two sections including “Master Meter” and “Micro-Credit”, aims to provide guidance for related parties in the provision of affordable clean water connections to poor communities.



QIPRA

Director of Housing and Settlement Directorate of Bappenas, Budi Hidayat, making remarks at the launch of ESP's "Water for the Poor" toolkit on December 15th 2008.

The seminar featured speakers from ESP, involved communities, as well as government agencies including Sitti Bellafolijani from the Ministry of Public Works, the Head of Medan’s Tirtanadi Municipal Water Company (PDAM) Subahri Ritonga, Gusril Bahar from ESP, and Widi Prayitno who represents the Micro-Credit benefiting communities.

During her presentation, Sitti portrayed the poor’s problematic access to water services by introducing alarming statistics. For example, piped water coverage in Indonesia only reaches roughly 45 percent of urban areas and a mere 10 percent in rural communities. Meanwhile, the average percentage of piped water services in Indonesia is only 24 percent. “According to the survey, low-income communities pay water bills ten times higher than the average,” she asserted. The Director of Housing and Settlement of Bappenas Budi Hidayat said that the main factor preventing poor communities from accessing piped water is usually the unclear status of their residence. Without legitimate documentation, these communities are unable to assert their basic rights to affordable clean water access.

Widi Prayitno, representative of the Jenggolo Asri community in Sidoarjo, East Java, discussed the micro-credit mechanism in use in his community, which enables hundreds of residents to access affordable clean water. Following a deal between Sidoarjo PDAM and BRI bank, the Jenggolo Asri community is now able to pay an installation fee of Rp 2,14 million in 12 installments. “We pay only around Rp 130.000 per month. This is much more affordable than the usual mechanism,” said Widi.

Since its inception in 2006, ESP's micro-credit program has helped launch 5,000 new household connections in 11 areas including Surabaya, Medan, Malang, Solo, Bogor and Sidoarjo, Sukabumi, Subang and Bandung regencies in collaboration with PDAMs, banks and local communities. Meanwhile, the Master Meter program has provided piped water connections to 3,500 households in Medan and will expand to other regions in the near future.

Speakers and participants of the seminars can all agree that clean water is a non-negotiable necessity for human beings. When piped water services are inaccessible to communities, people are forced to either access water from contaminated wells or purchase it from vendors at a higher price. The recent seminar clearly portrayed how ESP's Water for the Poor toolkit offers innovative solutions that will sustainably benefit communities by providing less-expensive, quality controlled water. This win-win situation benefits PDAM by reducing water loss and offering the convenience of a one-bill system. With economic and health incentives for both stakeholders, the Micro-Credit program is also expected to increase the customer base of participating banks, encouraging them to become key long-term partners in the program.

Prior to the seminar, USAID Director for Indonesia Walter North presented awards to the Municipal Water Company (PDAM) of Sidoarjo Regency for its successful Micro-Credit program and Medan's PDAM of Tirtanadi Medan for their outstanding Master Meter program. "The main purpose of USAID existence in Indonesia is to develop basic human services including access to clean water. USAID hopes that the toolkit will improve access to clean water by low-income communities," envisioned Walter North. His hopes have already materialized in several service areas and ESP strives to ensure the innovative toolkit benefits many more low-income communities throughout Indonesia.



GUSRIL BAHAR/ ESP JAKARTA

Rosniati, a housewife in Medan, North Sumatra, can now enjoy clean water from the city's Municipal Water Company, thanks to a micro-credit mechanism in collaboration with the water company and local bank.

SECTION I

INTRODUCTION AND SUMMARY

INTRODUCTION

USAID's Environmental Services Program (ESP) promotes better health through improved water resources management and expanded access to clean water and sanitation services.

This Quarterly Progress Report for ESP is submitted to the United States Agency for International Development (USAID) by Development Alternatives, Inc. (DAI) in accordance with Article II, Section G, Reports (as modified) of Contract No. 497-M-00-05-00005-00, originally executed January 11, 2005. This document represents Quarterly Progress Report No. 15 of the Environmental Services Program, for the period October 1 through December 31, 2008. This report provides information on the execution of program activities in the regions of Indonesia covered by ESP. Copies of this report are also provided to Government of Indonesia steering committee members, other relevant programs of USAID, as well as subcontractors and partners of the ESP Program per the distribution list attached to the transmittal letter.

Section I of this report provides the reader with an executive-style summary of the program and its achievements from October 1 through December 31, 2008. Section 2 describes integrated program activities in each region in greater detail. The final two sections provide an update on national initiatives and program management (Section 3), and program monitoring and evaluation (Section 4).

SECTION I.I.

THE ENVIRONMENTAL SERVICES PROGRAM

ESP works with national and local government, private sector, NGOs, community groups and other stakeholders to improve the management of water resources and broaden the distribution of safe water to urban dwellers by strengthening watershed management and delivery of key environmental services, including clean water supply, wastewater collection and treatment and solid waste management in Indonesia. Following recent contract modifications that include additional work in Aceh and Papua, expanded work in the eastern Indonesian cities of Ambon, Manado and Jayapura, and the extension of work in the current HPPs, ESP now spans 64 months, from December 2004 through March 2010.

ESP was developed by USAID/Indonesia to improve sustainable management of water resources and improve access to clean water. ESP activities are focused on the High Priority Integrated Provinces of North Sumatra, East Java, Central Java/Yogyakarta, West Java/Banten and DKI Jakarta where a full range of integrated technical support and activities address the following three key areas:

- Improving health by increasing access to clean water and sanitation services;
- Improved watershed management and protection of water resources, particularly in areas of high-value biodiversity;
- Increasing the production and distribution of clean water.

In late September 2008, USAID modified the ESP contract to refine the focus of work in Aceh as well as commence new work in Papua through the Aceh Papua Add-On. In Aceh, ESP supports the governor's Aceh Green development strategy, especially livelihoods development for ex-combatants based on forest conservation and sustainable natural resources management. In Papua, ESP is working with the governor and Bappeda on the development of a provincial spatial plan that meets GOI regulatory requirements as well as a Papuan people-driven development based on forest conservation and sustainable natural resources management. In early December 2008, USAID again modified the ESP contract to expand activities into the eastern Indonesian cities of Ambon, Jayapura and Manado. This new work is focused primarily on expanded access of clean water and sanitation services, and also includes water resource protection as well as health and hygiene communications.

The ESP program provides technical assistance and related services to impact USAID's **Strategic Objective No. 2, Higher Quality Basic Human Services Utilized (BHS)**. BHS focuses on the interdependence of health and the environment and their impact on health outcomes. To achieve this, USAID will increase access and utilization of key health and environmental services, particularly to users currently underserved or not served at all.

OBJECTIVES OF THE ESP PROGRAM

In accordance with Section C of the Contract, ESP works with the Government of Indonesia, the private sector, NGOs, community groups and other stakeholders to strengthen watershed management and key environmental services through four interrelated project objectives:

1. Strengthen the capacity of communities, governments, the private sector, local institutions, and NGOs to advocate for expanded delivery of key environmental services through improved water resources and protected areas management;
2. Expand opportunities for communities, NGOs, private sector and universities to participate more effectively in local management of water resources and delivery of key environmental services;
3. Strengthen biodiversity conservation through improving understanding and appreciation for the linkage between protected and forested areas and the delivery of key environmental services; and
4. Improve health and livelihoods of Indonesians through improved and expanded access to key environmental services (namely water supply, wastewater collection and treatment, and solid waste management) through the use of appropriate technologies, innovative financing, environmentally sustainable best practices, and sustainable market oriented activities.

ESP takes a community-based approach, acting as a catalyst for improving health and hygiene behavior change, stimulating better land stewardship, and improving the provision of basic water and sanitation services.

Central to the above-described program is a coordinated, collaborative and integrated approach involving all of the programs of the Basic Human Services Offices of USAID. In order to more effectively impact the success rate of BHS programs, strong efforts are being made to assure as much synergy within the program as possible. ESP is committed to working closely with and in parallel to other relevant BHS programs such as, but not limited to:

- The Health Services (HSP) Program (Maternal, Neo-natal and Child Health)
- The Food Security and Nutrition Programs (food assistance) NGO partners
- The Safe Water Systems (SWS) Project (aka Aman Tirta)
- Orangutan Conservation Support Program (OCSP)
- Community-Based Avian Influenza Control (CBAIC) Program

ESP program also collaborates very closely with other relevant programs of related USAID Strategic Objectives, such as the Local Governance Support Program (LGSP), the Decentralized Basic Education Programs (DBE 1, 2 & 3), and the now-completed Aceh Technical Assistance Recovery Program (A-TARP). Additionally, ESP collaborates closely with the USAID regional program, ECO-Asia, based out of the USAID Regional Mission in Bangkok, Thailand, and serving Indonesia among a number of other Asian countries.

SECTION 1.2.

SUMMARY OF QUARTERLY ACHIEVEMENTS

INTRODUCTION

Section 1.2 provides a brief summary of Quarterly activities and achievements in each of ESP's High Priority Provinces during this reporting period. Notable activities for National Initiatives and Program Management are also presented.

REGIONAL HIGHLIGHTS

Nanggroe Aceh Darussalam. ESP Aceh has undergone a metamorphosis. During the quarter, ESP Aceh re-directed itself towards providing support for the Aceh Green vision of Governor Irwandi. This was done through policy development and training programs that lead to livelihoods opportunities for primarily ex-combatants based on forest conservation and sustainable natural resources management. Significant milestones this quarter include:

- **Mobilization of eight new staff**, including assistants and specialists, to drive ESP's environmentally sound livelihoods development activities for ex-combatants.
- **Design of a Community Livelihoods Development Training (CLDT) approach.** This was followed by a site survey and assessment to determine 50 villages to be in receipt of CLDT activities. These activities have already begun in nine villages.
- **Revision** of both ESP's vision, mission, and approach and SOWs for ESP Aceh staff in accordance with the new mission.
- **Provision of leadership and financial support** at the first major Aceh Green workshop.

North Sumatra. ESP North Sumatra has focused on consolidating the ESP legacy. Their partners now look to ESP not as a source of funds, but as a catalyst and a builder of new approach models and innovative partnerships. These new and effective models, from upstream *Water Resource Conservation Field Schools* to downstream *Community Managed Clean Water Systems* will comprise ESP's legacy in North Sumatra. ESP North Sumatra has also been highly effective at leveraging new funding for these programs from city, provincial, and national budgets to ensure sustainability. Quarterly highlights include:

- **'Water for the Poor' garners the support of national Public Works.** The Director General of PU Cipta Karya, Mr. Budi Yuwono, was just one of the many visitors interested in the Water for the Poor program underway in Belawan. He committed PU Cipta Karya support of US\$ 600,000 to the expansion of the program beginning in 2009. This approach model is being considered for large scale national replication.
- **Water Resource Conservation through Field Schools.** The FORMASI WSM Forum, PDAM Tirtanadi, BPDAS Wampu Sei Ular and ESP North Sumatera launched an innovative new program entitled "Field Schools for Water Resource Conservation". The program works in the multi-functional Sibolangit area that

serves as a water catchment, a source of food, timber and medicinal plants, and also a “climate regulator” for the greater the Medan area.

- **Leveraging Improved Clean Water Services.** ESP has facilitated debt restructuring, debt swaps, and additional budget allocations for PDAMs in Langkat, Binjai, Medan, and Sibolga. An example this quarter is the Rp. 15 billion earmarked for PDAM Tirta Nauli in Sibolga (11 billion from PU Cipta Karya and 4 billion from the city government) for raw water resources and new transmission pipe systems for expanded public access to clean water.

DKI Jakarta. ESP Jakarta continued to work on the several collaborative programs with communities and schools, with particular emphasis on strengthening program sustainability. In addition, some new projects were initiated with partners, such as the recently agreed collaboration with Mercy Corps to support the Jakarta Flood Management 2 project involving the installation of two to three sanitation facilities in Jakarta. Quarterly Highlights Include:

- **The installation of three communal water connections** in Penjaringan and Jembatan Besi. The Master Meter now connects 98 houses, serving a total 135 households. This was followed by a cross visit for partner NGOs and cadres of the two communities to Medan to facilitate inter-community learning. ESP also facilitated a Health and Hygiene training for three communities in Penjaringan involving more than 50 cadres, including both men and women.
- **Field School training series** for 29 cadres of Pulo Kandang and Bintaro Lama with Yayasan Emmanuel Water Program. Technical assistance was provided for implementing community action plans, including a Health and Hygiene campaign for 202 people, the development of slow sand filter, protection of two shallow wells, and the improvement of one public latrine benefiting 84 households.
- **CGH school training** at SDN 02 Marunda, SDN 013 Petojo Utara and Madrasah Al Kenaniyah, involving a total 114 students and 16 teachers. A lively campaign was held to commemorate Global Hand Washing with Soap Day, involving 450 students and teachers from SDN Marunda 02 Pagi and 50 invited guests, including ESP partners and media.

West Java. ESP West Java has built a legacy for sustainability through strategic networking with local government, the private sector, the community, and schools. It has facilitated the development of “ambassadors” at the community level to replicate and expand similar ESP programs on a wider scale. Quarterly highlights include:

- **The Legacy of Ambassadors.** ESP West Java worked in collaboration with the Dinas Kesehatan, Dinas Pendidikan, PKK Kota Bandung, Aman Tirta, Kelompok Kerja Komunikasi Air (K3A), SD Pertiwi and SD Neglasari to conduct a Hand Washing with Soap campaign for the school community. 25 “student ambassadors” are excited to further train their community about the importance of hand washing with soap.
- **Protecting the Cikapundung sub-watershed.** The community has drilled 860 biopores and constructed 7 infiltration wells to improve ground water. Multi-stakeholders have shown clear support by providing seedlings and investment in needed infrastructure.
- **The success of MMC # 14: “Water Health Environment Link: Celebrating a Local Champion”.** Discussions with NGOs on public participation in environmental programs yielded positive results while the media gathering

discussion on “public participation in water quality improvement, health and the environment” was attended by 50 journalists. Main partners participating in the MMC #14 included Kelompok Kerja Komunikasi Air, K3A, Badan Pengelola Lingkungan Hidup Jawa Barat (BPLHD prov. Jabar), Dinas Kesehatan Provinsi Jabar and Universitas Padjadjaran.

Central Java/Yogyakarta. This quarter, ESP has taken an active role in continuing sustainable watershed management projects throughout Central Java and Yogyakarta by collaborating with local government and PDAMs. In addition, ESP continues to promote Blue Thread approaches in its integrated sites, with a focus on CHG School model. Quarterly highlights include:

- **Operation and Maintenance of Water Distribution System trainings** were carried out in Gabudan Kampong, Surakarta. 22 families receiving clean water via the ESP Master Meter system are now working on developing a collaborative management system to establish sustainable community-based water services.
- **410,000 multi-purpose seedlings were planted** by WSM Forum for land and forest rehabilitation, as part of the Spring protection program in Magelang District.
- **Effective Clean, Green, and Hygiene media** was developed to target the large dynamic youth population of Yogyakarta. The “slick report” document and “Yogya-ku Bersih” (My Clean and Green Yogya) movie, and youth radio broadcasts were developed to help further promote Health and Hygiene behavior.
- **Small grants were implemented** in five communities to assist with clean water distribution systems, conservation, sanitation, and to promote CHG tools and encourage future program sustainability.

East Java. ESP kept the momentum high to gain support from a wider range of stakeholders. For example, this quarter Perhutanim began adopting the Field School in Unit I, II, and III. In parallel, the community-level work pressed on to address both human and environment-related issues. The local community has proven its capacity for improving spring, sanitation, water, and solid waste management through various local initiatives that include behavioral modification. Community and stakeholder links not only helped expand the scale of work and number of beneficiaries, but also helped leverage funding, particularly from local government. Quarterly highlights include:

- **A Multi-stakeholder Forum in Welang Sub-watershed was facilitated** by ESP East Java alongside the village community to develop appropriate responses to local issues such as degraded land. A management plan was established whereby the replanting of 177.5 Ha is now underway.
- **Four sanitation facilities in ESP Field School locations were developed.** ESP leveraged funding from Pemkab. Malang, who provided Rp. 200 million for construction of the small scale sanitation facilities. The local community sees this having huge potential in improving their community’s environment and health.
- **CGH concepts are being adopted into the curriculum** by the education office of Batu City. ESP assisted in developing 15 CGH modules for future implementation in 89 elementary schools to raise awareness at early age.

Eastern Indonesia. ESP has commenced the newly awarded East-Indonesia expansion program for the Municipalities of Manado, Ambon and Jayapura. ESP conducted the following preparation activities this quarter:

- **Initiating Links and Support.** ESP teams visited all three locations and held discussions with PDAMs and local governments on the proposed programs to improve access to piped (PDAM) water and development of citywide sanitation strategies and action plans. The program was also introduced at the central government level.
- **Collaborating with Key Partners.** ESP arranged meetings with UNICEF, Mercy Corps, and CARE, who will be implementing citywide and community-based WATSAN activities in Kota Ambon and Jayapura.
- **Staff Mobilization and Training.** ESP arranged a complete team, comprised of a mixture of existing ESP staff as well as newly recruited specialists. Internal training, contract finalization, office setup and mobilization are planned for January 2009.

Aceh-Papua Add-On (APA). This quarter, ESP initiated technical support to the Provincial Government to develop a Spatial Plan that meets GOI regulations while simultaneously supporting the Governor's vision for people-driven development through the Strategic Plan for Village Development (RESPEK). Following an introductory workshop co-sponsored by the World Bank and the opening of an ESP office in the Provincial Agency for Regional Planning (Bappeda), work began in earnest. Highlights of the first phase's achievements include:

- GIS technical support for Bappeda as the lead implementation agency in the spatial planning process through gap analysis, followed by capacity-building. This included preparation of a detailed schedule of activities and actions, with milestones.
- Hiring of technical staff began. Each staff appointment was subject to a policy of obtaining the explicit and well-informed approval of the Provincial Bappeda.
- Engagement with key NGOs such as WWF, CI and PPMA. An important step was laying the groundwork for constructive collaboration between NGOs and Bappeda.
- Embarking upon work with a range of government and non-government agencies to successfully respond to the Governor's aim to, "Put the People of Papua in the Plan."

PROGRAM MANAGEMENT & NATIONAL UPDATES

A number of themes and activities span the breadth of the ESP program. Highlights from each respective theme include the following:

Small Grants Program. Up to this quarter, ESP has committed to funding a total of 56 small grants, totaling US\$819,000. A total of 42 grants have been completed and the remaining 14 grants (located predominantly in Aceh, North Sumatra, and West Java) are in progress and being regularly monitored.

ESP East Java is presently reviewing one unsolicited proposal from Muhammadiyah proposing an interesting Clean, Green and Hygiene program. ESP East Java believes garnering the enthusiasm of Muhammadiyah could lead to successful program replication (of a recently successful pilot program) in the Muhammadiyah schools in East Java and probably beyond.

Gender. Several ESP Regional Teams are continuing to integrate gender into their regular Regional-level activities. In West Java, a gender training/discussion was incorporated into the Clean, Green, and Hygiene training. In North Sumatra, gender was integrated into the Field School program on Water Saving, to illustrate the importance of women in water conservation efforts. National Gender Coordinators and ESP Gender STTA have met and prepared plans to further integrate the gender concept in future activities for FY 2009.

Watershed Management and Biodiversity Conservation.

During this Quarter, the WSM Group worked with ESP colleagues and partners towards addressing the Work Plan's theme of building a Legacy for Sustainability. At the national level, the WSM team worked with the Ministry of Forestry and other national-level government, international donor, NGO and private sector partners to systematically adapt ESP's robust field-based tools to national-level policy as well as into longer-term programming. Quarterly highlights include:

- ESP provided technical support to the Ministry of Forestry's RLPS in drafting an Integrated Watershed Management framework in response to Presidential Decree 5/2008.
- ESP collaborated with state forest company, Perhutani, on a training of trainers for 32 Field Supervisors from Perhutani Forest Management Units across Java.
- ESP provided limited support to the Ministry of Agriculture's PLA Directorate to train extension workers to facilitate field schools for critical land rehabilitation.
- Continued efforts were made to leverage ESP's community approach and technical tools into the National Community Empowerment Program, PNPM Mandiri.
- ESP ramped-up Water Resource Protection work in West Java and other HPPs, increasing collaborations with PDAMs, local governments and community groups.

Environmental Services Delivery. The SD National Team continued technical support to the regional SD team and implemented crucial National programs like the Water for the Poor toolkit, start-up of the ESP East-Indonesia program, and leveraging increased working relations with Ministry of Public Works and Planning. Quarterly highlights include:

- **Increase Water for the Poor.** Installation work for connecting 3,500 poor families through the Communal (master) Meter System in Medan is ongoing and used to prepare a 5 year Water for the Poor Master Plan and twinning program with Eco-Asia.
- **Water for the Poor toolkit.** The toolkit was launched on 5th December in Jakarta for ca. 100 participants, followed by 50 sets distributed during Nusantara and another 100 to local and Provincial PU officers, endorsed by DirGen PU.
- **Raw Water Management workshop.** A workshop was held in Bandung on raw water management improvement with four PDAMs in Greater Bandung.

Environmental Services Finance. This quarter, the Environmental Services Finance (FN) team continued to make progress on all aspects of the FN portfolio, with particular emphasis on debt restructuring for water utilities and micro-credit for new connections:

- ESP is assisting 11 water utilities to either prepare or revise their restructuring plans based upon the latest Ministry of Finance Regulation. Of the 11 PDAMs working with ESP, two submitted the first draft of their Business Plans to the Ministry of Finance this Quarter (PDAM Kota Surakarta and PDAM Kota Sukabumi).
- ESP's micro-credit program for new piped water connections experienced its strongest quarter in terms of new connections added, with a total of 1,074 new piped water connections benefiting an estimated 5,370 people (bringing the total number of connections to 5,108). In addition, two new microcredit programs were also established this quarter.
- ESP also launched its "Water for the Poor Toolkit," this Quarter, which includes one module addressing the micro-credit program for the reference of stakeholders interested in replicating this approach.

Strategic Communications for Behavior Change. This quarter, the Strategic Communication (StratComm) Team focused on the theme “Celebrating Local Champions”. Quarterly highlights include:

- **Global Hand Washing with Soap Day.** ESP celebrated the first Global Hand Washing Day by initiating activities in a number of cities. Celebrations were held in six cities (including Banda Aceh, Medan, Jakarta, Bandung, Yogya, Surabaya and Pasuruan) and were attended by more than 2,500 students and community members.
- **Multi Media Campaign (MMC).** Under the “Celebrating Local Champions” theme, more than 70 stories and articles were generated through print and broadcast media at local and national levels.
- **Program Communication support for ESP campaign issues.** The PC web administrator has made ESP’s Natural Resource Management-related reports available on USAID’s RM portal website, increasing exposure of ESP achievements.
- **Clean, Green and Hygiene.** ESP supported Dinas Pendidikan Batu City, East Java in developing a Clean, Green and Hygiene Curriculum for elementary schools in Batu city.

SECTION 2

ESP REGIONAL UPDATES

INTRODUCTION

In this Section, we present a more detailed account of the Program's activities and achievements during this quarter. This Section is divided into the following Subsections:

- Section 2.1. Nanggroe Aceh Darussalam**
- Section 2.2. North Sumatra**
- Section 2.3. Jakarta**
- Section 2.4. West Java**
- Section 2.5. Central Java & Yogyakarta**
- Section 2.6. East Java**
- Section 2.7. Papua**
- Section 2.8. ESP Eastern Indonesia**

SECTION 2.1.

NANGGROE ACEH DARUSSALAM

INTRODUCTION

A major restructuring of priorities, motivated by additional funds from USAID to support the Aceh Papua Add-on (APA), took place during the quarter. ESP Aceh has re-directed itself to providing support for the Aceh Green vision of Governor Irwandi through policy development and training programs that lead to livelihoods opportunities for primarily ex-combatants based on forest conservation and sustainable natural resources management.

Through October and November, ESP designed a Community Livelihoods Development Training (CLDT) approach, recruited new staff, provided leadership to a major Aceh Green workshop and consulted with stakeholders in the Aceh Green vision while simultaneously expanding its network. By December ESP had: recruited an Aceh Green Policy Specialist, an Aceh Green Livelihoods Development Specialist and six Community Livelihoods Development Assistants; reviewed and revised SOWs of specialists and field staff associated with APA; conducted a site survey and assessment; and, gained a major position as a player in Aceh Green. December saw the beginning of ESP influence on policy development with the request by the Aceh Green Transitional Secretariat for support from ESP for the Spatial Plan development plan. In addition, the CLDT was rolled out to nine villages in Aceh Besar and Aceh Jaya.

The Environmental Governance Advisor made two week-long consultations to Aceh to assist in policy development and in socializing the new direction of ESP *vis a vis* Aceh Green. Direct results of these visits were: a heightened profile with the Aceh Green Transitional Secretariat, involvement with the ADB ETSP program in supporting land use planning, an enhanced network with agencies involved in Aceh Green such as BAPEDAL NAD (this is the local acronym for BAPEDALDA) and a number of training proposals to enhance the capacity of government related to Aceh Green.

Aceh Green has also taken shape over the last quarter as a result of leadership from the recently organized Aceh Green Transitional Secretariat. The Secretariat is the vortex of the Governor's Aceh Green vision. The Secretariat alone is responsible for putting Aceh Green into action and it reports directly to the Governor. The Governor drew upon his "Assistance Team" when selecting the following secretariat staff: Ilarius Wibisono and M. Yacob Ishadamy as two GIS/IT specialists; Nurdin M. Husin and M. Nur Rasyid as legal experts; and Hasan Yudie Sastra and Idal Bahri as economic specialists. A major goal of the Secretariat is to organize an Aceh Green Commission. This should happen in the short-term and the Secretariat will dissolve upon its establishment. The Commission will be chaired by the Governor and will include members drawn from civil society, government and civil service. It will consist of three standing committees: research and development of on-budget projects, policy/legal development, and off-budget investment project development.

During the quarter, ESP Aceh began drawing away from its original programming set of activities. The Municipal team of ESP Aceh will be dismantled by the end of January. Two technical specialists on the Environmental Services team will de-mobilize from Aceh by mid-January. The field staff of the Environmental Services team will be absorbed into community and livelihoods work related to water quality, livelihoods training and organizing.

MOBILIZATION AND START-UP PHASE

The quarter can be considered the “Mobilization and Start-up Phase” for ESP support to Aceh Green.

Key event and achievements during the quarter include:

- **Re-visioning.** While continuing work toward targeted goals, ESP conducted a series of meetings and trainings to shift the vision and mission of ESP Aceh into a program emphasizing environmentally sustainable livelihoods opportunities for ex-combatants and conflict communities. As part of this, the SOWs of WMA specialists and Field Assistants were revised to reflect the new mission. The Community Watsan program also shifted into a pronounced mode of livelihoods support. The team also set about designing an approach to working with communities which was identified as Community Livelihoods Development Training (CLDT). This approach opens the door for ESP to create livelihoods opportunities for ex-combatants and former conflict communities.
- **Mobilization and Training.** ESP mobilized six new field staff to facilitate the CLDT. The new staff, consisting of five men and one woman, was trained in the new CLDT approach via classroom sessions and apprenticeships with seasoned ESP field staff. An Aceh Green Policy Specialist and an Aceh Green Livelihoods specialist were also mobilized. The Transitional Secretariat has asked for their secondment to help the Secretariat in its work concerning livelihoods and policy.
- **Stakeholder Consultations.** Stakeholder consultations were held with FFI, LIF, the Transitional Secretariat, BAPPEDA, BAPEDALDA, Aceh Jaya and Aceh Besar District Leadership, UNDP (a major financial supporter of Aceh Green), Oxfam, IFC, USAID Aceh, SERASI, LGSP and others to assess potential activities. Immediate ideas for the short-term, that fit within the context of the SOW associated with the additional funds, include:
 - Conducting a joint evaluation activity with FFI and LIF to determine how to improve community-based activities to support Aceh Green.
 - A request from the Aceh Green Transitional Secretariat to provide at least 50 % of the Policy Specialist’s time towards the support of the Secretariat’s activities.
 - The Transitional Secretariat further requested that the GIS specialist provide limited assistance, an average of two hours per day, working with data from the Forestry Redesign team, to allow that data to inform the new provincial Spatial Plan.
 - The Transitional Secretariat further requested financial and process support be provided for the spatial planning process.
 - The IFC work on potential economic development activities and ESP’s work in Aceh Jaya resulted in a plan to support cacao farmers in the Teunom and Leupung watersheds.
- **Site selection.** ESP staff conducted a wide ranging survey of potential field sites for Aceh Green Livelihoods activities. Nearly 100 villages were considered and listed as potential sites. Aceh Besar and Aceh Jaya, Aceh Selatan, Aceh Utara and Pidie districts were surveyed as potential livelihoods/biodiversity conservation sites. These field assessments were of a “rapid assessment” nature that examined and ranked potential sites in each district related to their potential based on, among other things: ex-combatant populations, high value biodiversity conservation potential, livelihoods, potential for positive impact and threats to biodiversity, and the existence of fallow land or poorly used land available for livelihoods activities. 100 villages were ranked according to the above criteria. Six new CLDT facilitators completed the process with more intensive assessments in the fields.

- **Community Livelihoods Development Training.** ESP initiated its new Community Livelihoods Development Training program in former conflict communities adjacent to the Ulu Masen region in November and December. Building from an existing network of community groups working at the sub-watershed level, ESP organized nine new CLDT village programs in Aceh Besar and Aceh Jaya. The CLDT approach includes training in agriculture and agroforestry production, exploration of opportunities to add value to existing crops and non-timber forest products, and the cottage industry. The Livelihoods Development Specialist immediately took up a livelihoods assessment and began planning a management training for individuals and groups.

Three Community Livelihoods Development Training Programs in Aceh Jaya

ESP started up three CLDT programs in Aceh Jaya in November. Locations included two in the Kr. Teunom watershed, in the villages of Alue Jang and Sarah Raya, and one that covers two villages SP III and Sayeung in Kr. Masen watershed.

Alue Jang and Sarah Raya border the protected forest area of Ulu Masen in the upstream region of the Kr. Teunom watershed. Interestingly, Teunom Sub-district shares a common border with Tangse Sub-district in Pidie which is a proposed site for ESP environmentally sustainable livelihoods development activities. The Kr. Teunom is the source for the watershed of Kr. Tangse.

The forest bordering the two villages is home to high value biodiversity including key species such as tigers, elephants and honey bears. There was significant illegal logging by outsiders in this region. The resulting opened areas have led to increased conflict between villagers and tigers and elephants. However, this open and unused land is potentially available for a combination of agro-forestry livelihoods activities.

The villages are home to a high population of ex-combatants who are engaged in farming with no outside sources of income. Interestingly, one of the crops that they farm is patchouli. This is a crop that can lead to forest degradation as it can deplete the soil if farmed improperly. This often provokes farmers to open and farm new land. CLDT activities will focus on this issue and work with the NCBA project in relation to patchouli. Cacao will also be a major focus here as it is a popular crop, but ineffectively tended.

A second potential focus is the protection of water resources that have recently been utilized as a result of an ADB project. Protecting these water resources will necessitate the conservation of high value biodiversity areas and the involvement of villagers in the management of forest resources.

The third recently started CLDT program in Aceh Jaya covers two villages, SP III and Sayeung, which border the Ulu Masen forest in the watershed of the Kr. Masen. The forest is similarly home to tigers, elephants and honey bears. The villages were the site of fierce fighting during the conflict and remain home to ex-combatants who are engaged in farming for a livelihood. Indeed, the conditions for agriculture are good as there is a large area of farmed land that is highly fertile, but ineffectively used. An ADB project recently helped the villages construct a water delivery system.

Thus the stage is set for CLDT activities to focus on high value agricultural crops and/or agro-forestry related activities. Future CLDT activities will lead to the conservation of high biodiversity forest via the protection of village water resources and the rehabilitation of tree crops to avoid the unnecessary opening of forest land for cropland.



ESP NAD

Alue Jang Livelihoods Field School in the Teunom area preparing compost.

- Socialize ESP in the Context of Aceh Green.** Over the quarter ESP spent a significant amount of time working with stakeholders to assure a prominent position for ESP in the development of the Aceh Green Vision. This included a regular round of meetings with FFI and LIF. Several meetings were held with IFC as well. The leadership of ESP in organizing the “Aceh Green Semiloka” was the first major activity of the quarter to give prominence to ESP and its support of Aceh Green and the first public discussion of Aceh Green in any context. This was the first event to involve participants from NGO’s, communities and government in a dialogue on Aceh Green vision and its realization. 200 people representing government, communities, NGOs and private interests attended the two day workshop. The workshop was jointly supported by BRR, BAPEDAL NAD, GTZ, FFI, ESP and others and resulted in several follow-up activities for ESP, including:
 - The Aceh Green Transitional committee agreed to visit ESP field sites in Aceh Besar;
 - The members of ESP organized forums who attended and presented at the workshop returned to their communities and socialized “Aceh Green”; and
 - ESP was accepted as integral to the Aceh Green effort.

The Aceh Green Secretariat Visits FORSAKA

ESP followed-up on the success of the “Semiloka Aceh Green” by inviting the Aceh Green Transitional Secretariat and Forest Redesign Team to visit ESP forums in Aceh Besar. On Sunday, 14 December, members of the Aceh Green Transitional Secretariat Ilarius Wibisono and M. Yacob Ishadamy, plus members of the Forest Redesign Team, Bakti Siahaan and Hadi, visited the forums of FORSAKA and FAMS. The process consisted primarily of a dialogue between forum leaders and the visitors.

Following their visit the visitors and ESP discussed potential follow-up actions.

Following their visit, participants discussed potential follow-up actions.



ESP NAD

Transitional Secretariat and Forest Redesign members (center) in dialogue with FORSAKA leaders.

- The visitors were struck by how the people of the eight villages involved in these two forums were able to work together to protect water, forestry and strengthen their economies. Wibisono said: “The forums are an “Aceh Green best practices. I am going to try to enter this into the Aceh Green document. The people are implementing Aceh Green; we have to put the leadership of the Forums and ESP in front of the Governor so that he can learn about what is going on.”
- Bakti was impressed by how people could organize and implement these Aceh Green activities on their own. “We (the Secretariat) need to organize a workshop for civil service departments where the forums teach civil servants about how to implement Aceh Green.”
- Replication of the forums was also considered. Yacob urged ESP to document the forums via video and print media so that the Secretariat could help others replicate the process. All the visitors urged that protecting the forest highlight the importance of economic sustainability. For example, they called for organizing “eco-tourism” activities such as organizing tours and building wildlife observation sites to encourage visitors to contribute monetarily to villages of the forums.

- **CLDT Follow-up Training for Forums.** ESP conducted two-day workshops in cottage industry for community members from FAMS and FORSAKA. There were 38 participants (three men and 35 women) from FAMS and 30 from FORSAKA (27 women and three men). The trainings will be followed up in January. The training for FAMS is exceedingly important as the villages in the forum sit on the main road to Medan. On the West Coast in Aceh Jaya, along a much less traveled road, similar training resulted in increased incomes for women, from Rp 500,000 per month to Rp 1 million per month. The potential is even larger in the FAMS area.
- **PeNA.** PeNA, a local NGO located in Lhoknga, submitted an un-solicited proposal to USAID. ESP was advised to investigate and formed a committee to examine the proposal's general fitness. There were a number of clarification questions generated by this process that were sent to PeNA. PeNA responded to these questions in the last week of the quarter.
- **Leveraging.** ESP leveraged Rp 300,000,000 in government support to expand CLDT in Aceh Besar district targeting livelihoods development opportunities for conflict communities. In FORSAKA, an additional 250 million Rupiah were committed to the irrigation project by the National Program for the Empowerment of the People (PNPM). STIK and FFI have also committed 300 million Rupiah towards building an environmental training center in Beung village, a FORSAKA-led project.
- **Forum Action Plans.** A workshop was conducted for the Forum FPKL in Aceh Jaya to revise its Action Plan. This will be used to leverage funds during the annual budget cycle (MUSRENBANG). Forum Action Plans are generally far ranging and go beyond just the management of their watershed. Small infrastructure projects related to livelihoods and projects related to biodiversity conservation are usually proposed to the Sub-district head or to members of the district Bappeda. Historically, a high percentage of these projects have been funded by the district government in Aceh Jaya and Aceh Besar. The Action Plan for FPKL in Lageung was drawn up nearly two years ago and required updating. The sub-district head and a member of the DPR were among the participants in the activity.

FPKL Updates Their Action Plan

In November the nine villages of Forum Peduli Kr. Lageuen, an ESP organized forum, met to review and update their Forum Action Plan. Each village was represented by its head and a team of village representatives. The heads of the Mukim and sub-district also participated. FPKL covers a relatively large in area stretching from the high value biodiversity forest of the Ulu Masen region to the coastal village of Sawang. The forum has served to unite the nine villages. One of the benefits of being united has been the ability to leverage funds in support of livelihoods and biodiversity conservation projects.

FPKL was formed almost two years ago. The time had come to update their action plan. The workshop began by reviewing what had been accomplished under the old action plan. Around 70% of the projects proposed in that action plan had been implemented. Support for these projects originated from a range of organizations:

- FPKL supported activities including monitoring of their water system monitoring and their conservation area.
- ESP supported the mapping and baseline biodiversity survey of the conservation area and the initiation of a cacao project.
- Merlin funded water delivery system improvements.
- Government implemented small infrastructure projects including road improvements, bridge construction and sports facilities.

During the workshop each village group analyzed their original Action Plan, determined strengths and weaknesses (problems/issues) in their village, and determined actions to resolve or overcome the weaknesses. The actions were put into a format that could immediately and easily be put into the district budget proposal (the sub-district head was a big help in this phase). The result was an Action Plan that others can buy into. The sub-district head and a representative of the forum will help the government to do its part. ESP will try to help other organizations (FFI for example) to provide funding support for the Action Plan.

Amiruddin, chair of FPKL, spoke excitedly when he said, “each time we do this we get better at it and we know that it will influence the district’s program.”



ESP NAD

Irfan, staff of ESP, facilitating the FPKL action plan development workshop. Also in the picture are Diyah of USAID Aceh.

- **Potential.** The quarter also was notable for opportunities that might play into Aceh Green. UNESCAP began preparations for its new project concerning Payment for Environmental Services in Aceh. They were trying to select among two possible sites, one of which is the Kr. Aceh watershed. ESP encouraged the preparation team to select the Kr. Aceh watershed because ESP has already laid much of the necessary foundation for a PES. Should they select this site, the project would add extra emphasis to the watershed and assist in the development of useful *qanun* related to water resources protection, biodiversity conservation and Aceh Green.

ESP and SERASI held discussions related to a possible CLDT collaboration and training in the context of SERASI's work. This would effectively expand the impact of ESP among ex-combatants across a southern tier of districts, including highland areas abutting the Leuser eco-system.

- **Integrated Sites.** In the **Blue Thread Site**, community water management teams continue to receive support and training. Jruiek Balee received training in the repair of their system's pipes. The Global Hand Washing with Soap Day was marked by a day-long event at SD 28, a primary school in Banda Aceh. ESP collaborated with Aman Tirta and the Health Department to deliver a full program focused on hand washing and hygiene. In **Lhoknga: Clean Green and Hygiene**, ESP received medium-sized composters for distribution in Lhoknga from CHF. The socialization of this project began in December. In **West Coast Mini-ESPs**, the PDAM team established a community-based PES as the villages of the water distribution system in Mukim Lageueng (FPKL) agreed to set a tariff for water consumption from the system, with a small additional sum to support the protection of water resources. In Banda Aceh, the PDAM municipal team began a pilot project with Tirta Daroy to establish a customer forum.
- **Other.** ESP also conducted a major TOT for BAPEDAL NAD which consisted of a series of trainings across Aceh, focused on solid waste and handicraft training to reuse waste. The training was conducted by ESP village facilitators and resulted not only in BAPEDAL NAD staff gaining skills, but in ESP gaining an introduction to local governments across Aceh.



ESP NAD

A village facilitator from Nusa (left) demonstrating handicraft production to BAPEDAL NAD staff at TOT in Aceh Utara.

Map QPR 15 Nanggroe Aceh Darussalam - I Location of ESP Integrated Approach and USAID Partners for Nanggroe Aceh Darussalam



Legend

- District
- Site Activitie
- District Boundary
- River
- Clean Green and Hygiene in Lhoknga District
- Ulu Masen
- The Municipal Program
- Blue Thread in The Krueng Aceh
- Coastal Mini-ESPs

USAID Partner's Working Area

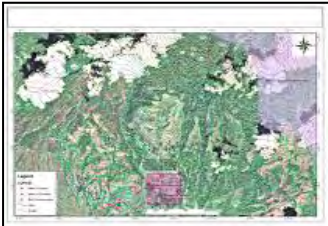
- DBE (Decentralised Basic Education)
- ESP (Environmental Services Program)
- LGSP (Local Governance Support Program)
- HSP (Health Services Program)

Focus Area for Integrated sites and Strategies, FY 2008:

1. Krueng Aceh Watershed in Banda Aceh & Aceh Besar district
 - Blue Thread Strategy in Krueng Aceh watershed
2. Lhok Nga sub district, Aceh Besar district
 - Lamkruet and Nusa Clean, Green and Hygiene
3. Aceh Besar, Aceh Jaya and Aceh Barat districts
 - Coastal Mini-ESPs in DAS Sabee-Geupu
4. Ulu Masen Area
 - Field School support Ulu Masen water catchment area
5. Banda Aceh, Aceh Besar and Aceh Barat dittricts
 - PDAM Institutional Development Programs



Map QPR 15 Nanggroe Aceh Darussalam - 2 Blue Thread Strtegy in Krueng Aceh Watershed



Developing Micro-watershed model (MDM) in Teuladan Village.



Water resources rehabilitation in community conservation areas.



Monitoring and evaluation of existing program sites.



Management plans reviewed and possibly revised in FAMS, Saree.



Work with PDAM to support Rural Water Management Committees to provide clean water.



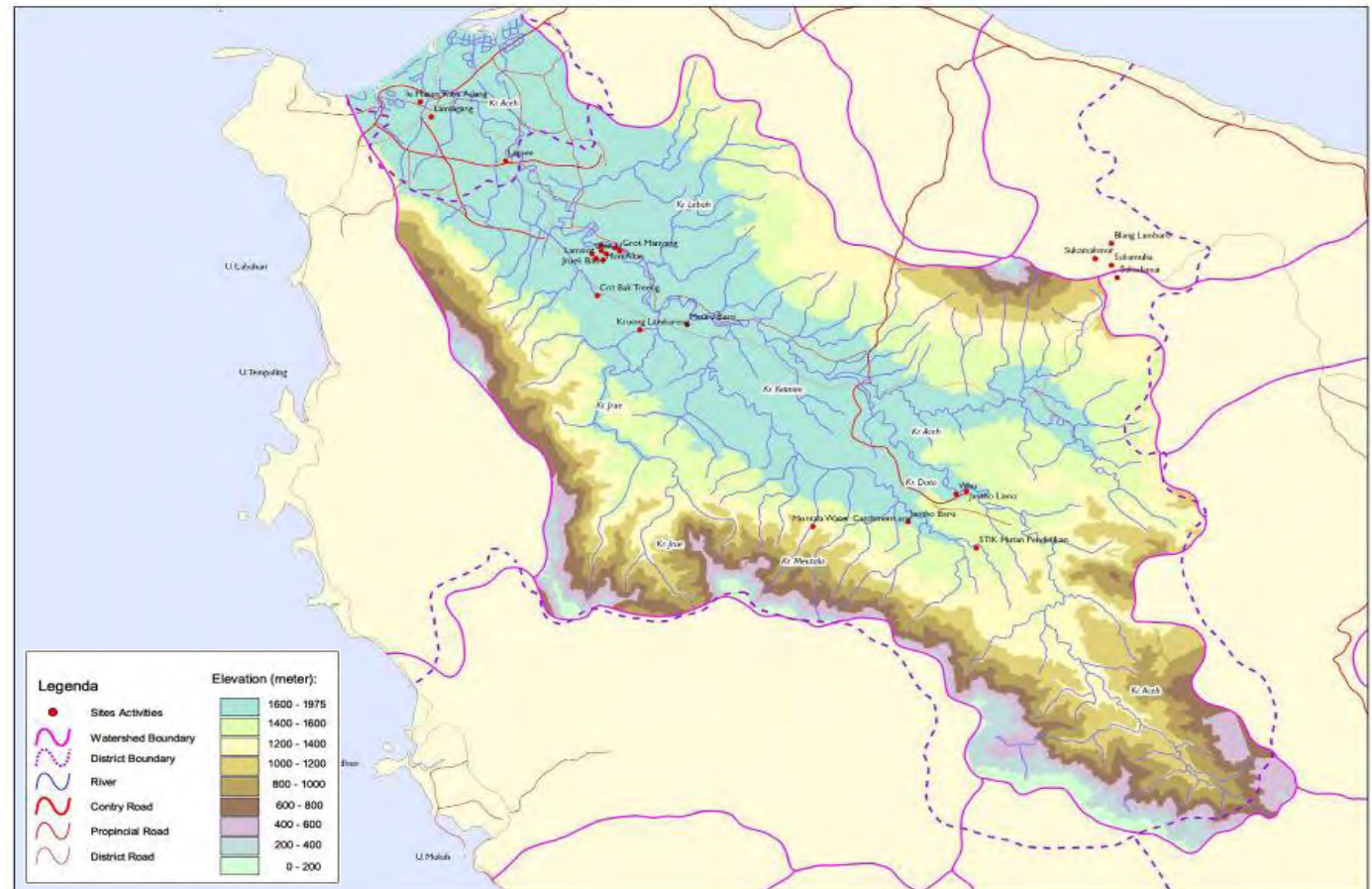
Water Management Committees strengthened and providing clean water in FAMS and FKG communities.



Solid waste activities supporting FAMS and Banda Aceh. Communities able to manage organic and non-organic waste.



Campaign promoting handwashing with soap and sanitation for elementary schools in Saree. Schools adopt CGH concept.





Developing Micro-watershed model (MDM) in the FORSAKA area.



Community based land and forest rehabilitation in marginal land and forest.



Monitoring and evaluation of land and forest rehabilitation and conservation management.



Water Management Committees strengthened and providing clean water in FORSAKA area.



Map QPR 15 Nanggroe Aceh Darussalam - 4 Mini-ESPs in West Coast Corridor



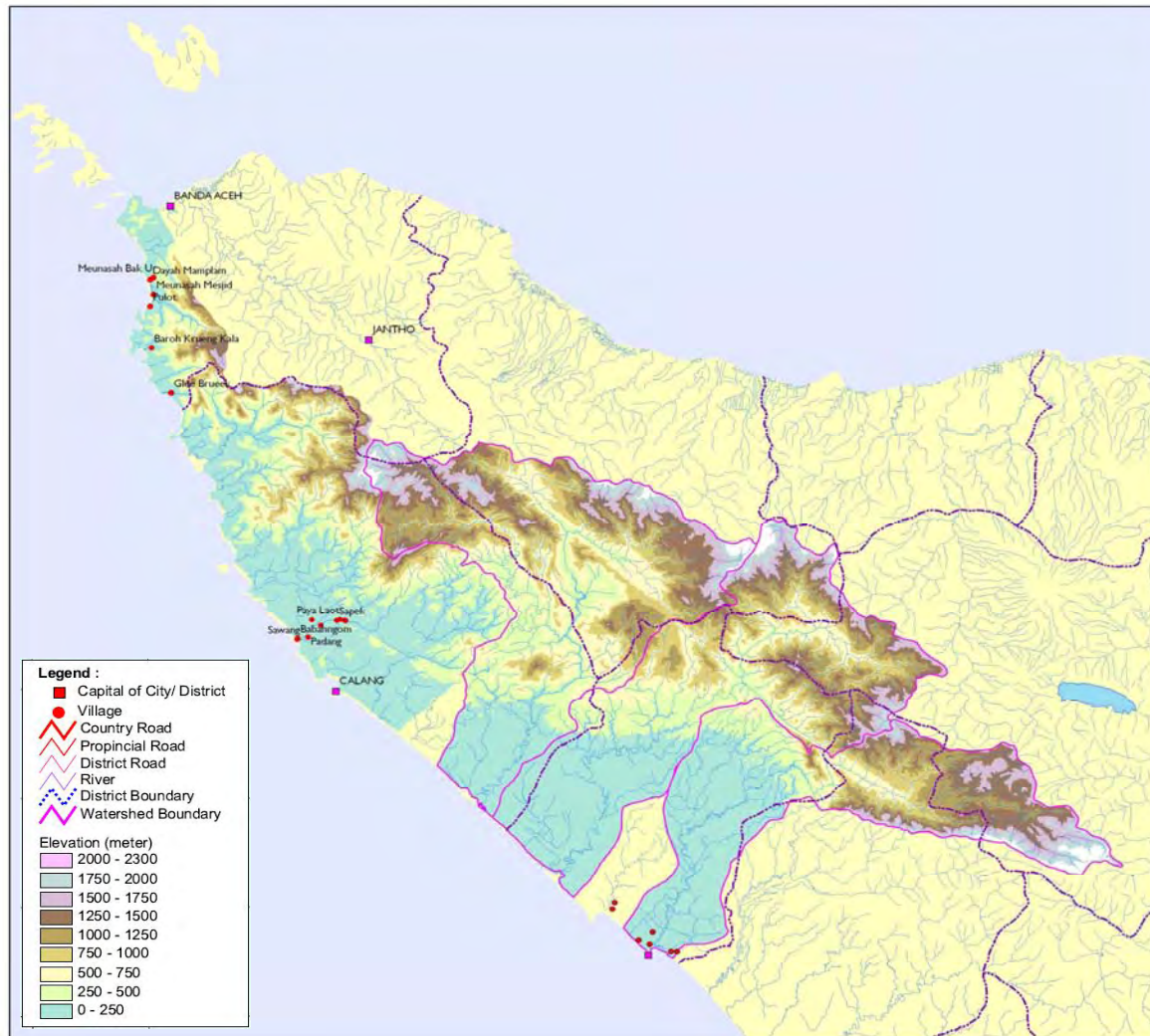
Strengthen forums in natural resource management.



Support FORPPAJA to implement their watershed management action plan.



Monitoring and evaluation for coastal rehabilitation program.



Training and TA for Water Management Committees. Tariffs implemented and people with access to clean water.



Supporting community based solid waste systems.



Establish CGH program in selected schools of Lhoong.

Map QPR 15 Nanggroe Aceh Darussalam - 5 Clean, Green and Hygiene in LhokNga Sub District



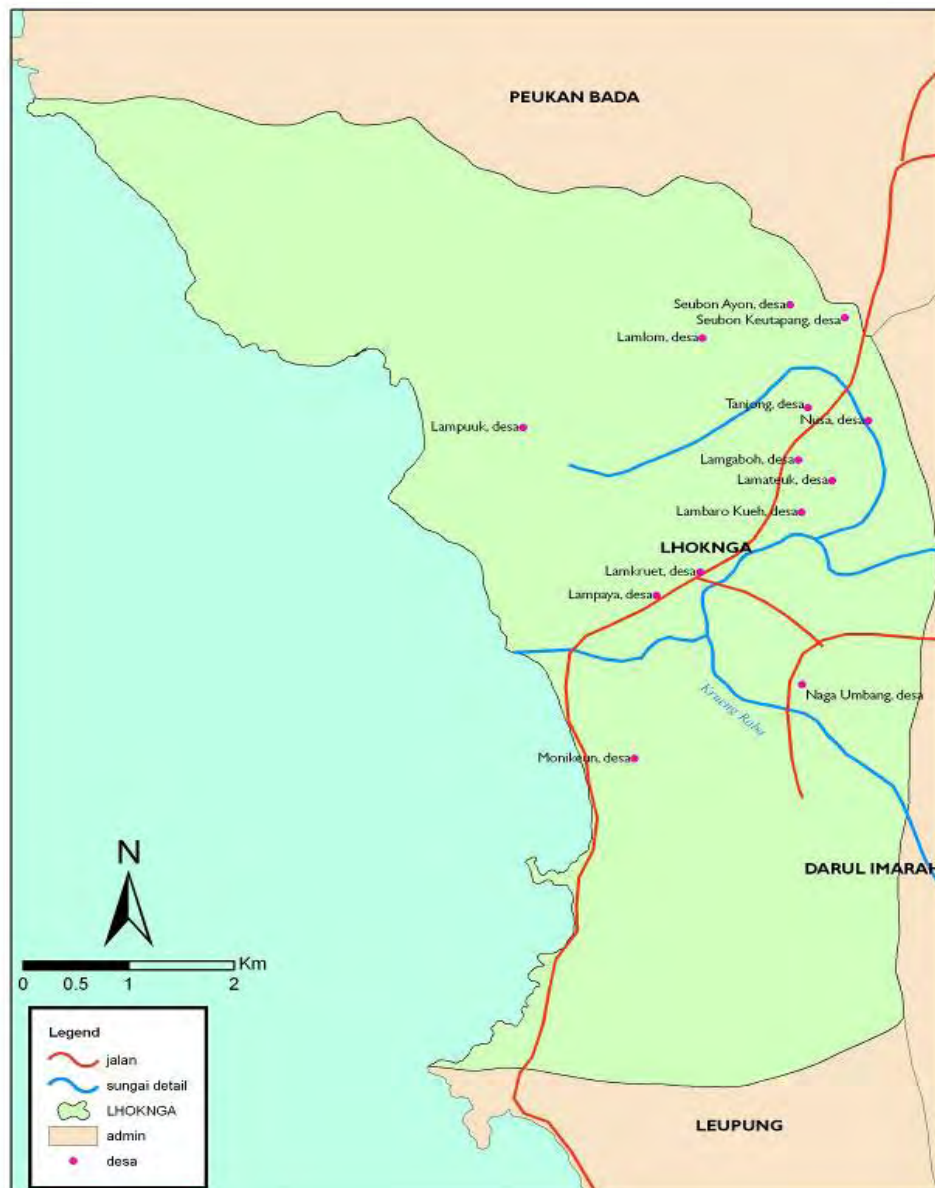
Monitoring and evaluation of coastal rehabilitation activities in Naga Uambang.



Training and support for solid waste management systems in Nusa, Lamkruet and Lampuuk.



Organize Water Management Committees for Naga Uambang and Lambaro Kuh.



Support Naga Uambang to start community based solid waste system.



Support communities to maintain hardware associated with sustainable communal sanitation systems.



Campaign to support elementary schools in Lhoknga to adopt CGH concept.

Map QPR 15 Nanggroe Aceh Darussalam - 6 PDAM Development In Banda Aceh, Aceh Besar and Aceh Barat District



Improve PDAM Technical/Operational/Financial Management.



Increase Access to Clean Water.



Billing system improved in collaboration with Bank Pembangunan Desa.



Continue Water Quality monitoring program.



SECTION 2.2.

NORTH SUMATRA

INTRODUCTION

Consolidating the ESP Legacy

In December, ESP facilitated a partnership between the community watershed management forum with Sibolangit FORMASI, PDAM Tirtanadi, and BPDAS to begin the implementation of a program of Farmer Field Schools for Water Resource Protection. These Field Schools will be conducted in key water catchments for major springs and rivers supplying fresh water for Medan. The program will benefit both urban populations as well as local farmers and will combine forest conservation with infiltration wells. The key feature of this model is the linkage between organized upstream communities and downstream water resource users, along with better targeted BP DAS conservation activities.



ESP NORTH SUMATRA

Local community members from Sibolangit and PDAM Tirtanadi staff build a 'sungkup' for a soil moisture evaporation experiment.

As was emphasized by Government agencies during a recent USAID Assessment Team mission, our partners in North Sumatra now look to ESP not as a source of funds, but as a catalyst and a builder of new approach models and innovative partnerships. These new and effective models, from Water Resource Protection Field Schools to Community Managed Clean Water Systems will be ESP's legacy in North Sumatra. Our work during the last quarter and through most of this final project year will be geared to consolidating and 'turning over' the models thus far developed.

Key event and achievements during the quarter include:

- **A USAID WATSAN Assessment Team** conducted site visits and held discussions with key partners. ESP field activities emphasized the importance of component integration within WATSAN, from maintaining the function of watersheds to improving the health of poor communities. Government partner agencies delineated the importance of ESP's catalytic and model building role, creating new partnerships and approaches for solving priority problems.
- **Bank SUMUT & PDAM Tirtanadi signed an MoU on Micro-Credit** in early October to improve access to clean water for poor households. Action has begun in the Belawan area with the mobilization of a full time micro-credit Field Assistant undertaking community-based and door-to-door promotion of the program. The credit program became active with its first clients in December.

- **Farmer Field Days were conducted in Sibolangit (Sub-DAS Sei Petani) and in Bahorok (Sub-DAS Bahorok).** Both drew an enthusiastic mix of farmers, local leaders, NGOs and government officials. Sibolangit presented a detailed Action Plan for discussion with the Camat of Sibolangit, in addition to showcasing all the work of the FORMASI community network. The Bahorok Field Day was organized by small grantee CBO LMA (Lembaga Masyarakat Desa), and demonstrated the capacities of local communities to implement and sustain programs.
- **The Director General of PU Cipta Karya, Mr. Budi Yuwono,** was one of the many visitors to the ‘water for the poor’ program underway in Belawan during this quarter. He committed PU Cipta Karya support of US\$ 600,000 to assist in expanding the program beginning in 2009. This approach model has the potential for large scale national replication with national and local Government funding.
- **The Global Hand Washing with Soap Day** was celebrated in Medan and opened by the Mayor. This activity in urban Aur village brought together hundreds of children, students, and community members. This event was collaboratively implemented with USAID HSP, Save the Children, USAID SWS, and the Medan City Government.
- **PU Cipta Karya, utilizing funding from the ADB, made a grant commitment to the Medan Sanitation Working Group of over US\$15 Million** for optimizing Sewerage systems and Sanitation programs in Medan. This funding will be used to support the Sanitation Master Plan 2009-2013 that ESP helped to facilitate via the Working Group.

INTEGRATED SITES UPDATE

TAHURA Bukit Barisan Integrated Site

Consolidating Community Networks and Building Sustainable Programs

Lazarus Sitepu, 29, is the Secretary of the *Jaringan Arih Ersada (JAE)*, an inter-community conservation forum in Karo, North Sumatra. He is a junior high school graduate who farms 2 hectares of citrus trees, rice, and chili in Serdang village. JAE works with the PALAPA Foundation in a program supported by Sumatra Sustainable Support (SSS) for villages surrounding the Bukit Barisan Great Park Reserve. *“I now work with a number of people and agencies in my farming. Currently we are developing Farmer Field Schools for citrus and chili”*, he states. Initially 2 Field Schools were conducted focusing on citrus with support from ESP and Clemson University (USAID IPM CRSP), but now JAE has expanded the program to include 7 villages, and is actively developing collaboration with local government agencies to consolidate and spread its programs.



ESP NORTH SUMATRA

Lazarus conducting observation on citrus as part of the Farmer Field School.

“JAE is a young organization born just last year, but we are making progress toward our vision of empowered farming communities with more profitable agriculture free of pesticides. Already 70% of our 570 ha of farmlands are under ecological farming regimes. We are also generating supportive village policies and plans and creating new partnerships, such as with the Orangutan Information Center (OIC) for ‘Conservation Savings Schemes,’” explains Lazarus.

JAE is one of a number of forums and networks partnering with ESP to build their organizational capacities and programs for tackling long term problems in soil, water, and forest conservation.

Key activities during the quarter include:

- **Local Policy Development** for water and forest conservation in Tanjung Barus (2) and Sarimanis (1).
- **Continued work for launching the ‘Conservation Savings Schemes’** through 10 local schools via a small grant with OIC.
- **A Health-Hygiene Training of Trainers** for 25 Field School alumni from 7 villages was conducted. Participants will conduct follow-up training in their respective communities.
- **School-based Health-Hygiene Campaigns** were conducted by Field School Alumni in schools in Serdang and Kabung villages comprising healthy living and handwashing with soap curricula.
- **The PALAPA Foundation conducted ‘Participatory Biodiversity’ training** programs at the village level to generate community input for a Biodiversity Management Plan for Tahura Bukit Barisan.
- **Rehabilitation Tree Planting for 20 ha of degraded forest** with Mahogany seedlings was conducted in Tangkidik Village bordering Tahura Bukit Barisan.
- **A joint workshop on ‘Model Conservation Villages through the Farmer Field School Approach’** was held jointly with JAE, PALAPA Foundation, SSS, and ESP.
- **A mini-workshop was held on ‘Citrus Field School Management’** as part of ESP-FIELD-Clemson University collaborative program.

Lau Petani ‘Blue Thread’ Integrated Site: Progress through Partnership

“We are not alone anymore. We work with lots of partners in a lot of ways to conserve Sibolangit’s water catchment area,” grinned Oktavianus Ketaren, a 33 year old farmer from Batu Layang village and a core member of FORMASI PELITA KASIH. Oktavianus is an agro-forester from Batu Layang village who is also a member of FORMASI PELITA KASIH. For the last several months he and his colleagues from 9 other villages in Sibolangit have been planning and conducting conservation actions. The network focuses its efforts upon the 4 ecosystems of the area: forest, agroforestry, river environs, and settlement areas. Various education and



ESP NORTH SUMATRA

Conducting an experiment on plant transpiration as part of the Field School.

action activities have been undertaken including Field Schools on Cacao, Ecological Agriculture, training and operation of community-based tree nurseries, collective compost making, participatory biodiversity surveys, and also conservation tree planting.

Realizing that their efforts are limited if working alone, with ESP facilitation they have established collaborative work arrangements with other stakeholders with shared interests in water and forest conservation. After a series of meetings, FORMASI, PDAM Tirtanadi, BPDAS Wampu Sei Ular and ESP North Sumatera agreed to collaboratively implement a program for conservation of Sibolangit water catchments areas. This program will take the form of “Field Schools for Water Resource Conservation”. This collaboration is based upon the mutual understanding that Sibolangit is a multi-functional area: water catchment, source of food, timber and medicinal plants, and also a “climate regulator” for local residents and the greater Medan area. The initial Training of Trainers was held from December 10-15, and the Field Schools will start in early 2009 to explore the environmental and economic functions of the watershed and will be followed by concrete action programs to improve water, soil, ecological functions and environmental services. This model, once further tested and developed, will be applicable to many areas and can be easily picked-up by local communities collaborating with other key stakeholders.

Key activities during the quarter include:

- **Field School with a focus on Ecological vegetable growing** with ERSINALSAL in Lembah Sibayak, in collaboration with FIELD and Clemson University IPM CRSP.
- **Collaboration between ERSINALSAL, village government, and the ESP WATSAN Team** for creating a plan to optimize water systems in Doulu village as part of the upcoming village development plan and spatial planning program.
- **Road show by FORMASI** to promote dialogue on water catchment plans undertaken in Sibolangit sub-district.
- **Media Training for FORMASI in Sibolangit by the ESP POC** group to improve their effectiveness in communicating their programs to other stakeholders and media.
- **Field Day for 9 Agro-forestry (Cacao) Field Schools** in Sibolangit including presentation of action plans and dialogue with the Camat and local government.
- **Conservation planting of 1500 manggis seedlings** in Durin Sirugun and Betimus Mbaru villages.
- **Training on Participatory Monitoring and Evaluation** for village forum members in Sibolangit, with follow-up conducted in each village.
- **Training of trainers in Health and Hygiene** for cadres from 10 villages in Sibolangit and Lembah Sibayak.
- **Tree planting program in 9 FORMASI** villages in Sibolangit in collaboration with the Forestry Service which provided 10,000 seedlings of manggis, durian, duku, mangga, asam glugur, mahogany, and ingul.

The Wampu Watershed ‘Blue Thread’ Integrated site

Work in this integrated site for the last quarter was focused upon building lasting relationships with long-term stakeholders including local government, Taman National Gunung Leuser, protected areas such as *Suaka Margasatwa Langkat Timur Laut*, established local NGOs, emergent Community-based Organizations (eg. Forums of Field School alumni and Small Grant recipient organizations) as well as Provincial Agencies including BAPEDALDA and BPDAS.

Integration was furthered via a Health and Hygiene training of trainers program. The training program involved 40 participants from 5 villages in the Bahorok sub-DAS. Participants included Field School alumni, local leaders, local NGO/CBO staff, and representatives of village government.

Key activities during the quarter include:

- **Field Day held in Bahorok by the Farmer Field Schools** supported via a Small Grant to the CBO Lembaga Masyarakat Adat (LMA). This program worked on ecological agriculture and reforestation through Farmer Field Schools and the processing of village market organic waste through composting.
- **Women's Credit Unions Managing Water Systems** in two villages in Langkat were visited by both the USAID WATSAN Assessment team and by a cross visit of 12 Pakistanis involved with USAID water programs. These highly effective programs are a result of a small grant and a contract to the local NGO PARAS that specializes in rural credit as a basis for social-economic development. Evidence shows solid capital formation, broadened membership, and effective management of their water systems.
- **Health Hygiene Campaign in community and schools** conducted by health cadres of ToT collaborated with posyandu, puskesmas, and schools. They campaigned on clean living concepts and hand washing with soap in Posyandu in Timbang Lawan, Bungara and Empus Villages and carried out school-based campaigns in Kampung Bukit, Timbang Lawan, and Sampe Raya Villages.
- **Small Grantee MAP (Mangrove Action Program) continues to build, expand, and strengthen Co-Management arrangements.** The program is currently being enlarged to include more villages in ecological livelihoods activities (VCO, Jeruju Tea production and fish drying methods), community monitoring programs, and reforestation activities. During the coming quarter a final Co-Management Action Plan will be submitted to a multi-stakeholder forum for approval.



ESP NORTH SUMATRA

"We appreciate ESP capacity building for health and hygiene... we can now identify health problems in our village..." said 65 year old Tengku Hafid.

Clean, Green, and Hygiene in the Medan Integrated Site

Consolidating Sustainable Government Programs

"It is unbelievable that over 3,500 poor families living here in Belawan will get access to clean water from PDAM Tirtanadi", said Pak Sisu at his home in Bagan Deli at the beginning stage of promotion for the Water for the Poor program.

Now, looking at the ongoing construction of 46 Master Meters and a completed piping network linking 3,543 metered households managed by 26 newly formed CBOs in 3 villages of Belawan, the miracle is coming true thanks to the solid collaboration and hard work of the Medan City



ESP NORTH SUMATRA

Mr. Sisu, 51 years old, Head of the CBO in Bagan Deli, supervising construction of Community Master Meter System.

government, PDAM Tirtanadi, Jaringan Kesehatan Masyarakat, and USAID ESP. ESP's work in Medan currently is limited to facilitation and technical support, with the GOI and other agencies providing significant levels of funding.

Key activities in the Medan Area this quarter include:

- **The ADB via GOI PU Cipta Karya made a grant commitment to the Medan Sanitation Working Group of over US\$15 Million for optimizing Sewerage systems and Sanitation programs in Medan.** This funding will be used to support the Sanitation Master Plan 2009-2013 that ESP helped facilitate.
- **Construction for new sewerage network** at zone 6 in Pandau Hilir 2 village has been completed with funding leveraged from PU Cipta Karya. ESP is now working with the Sanitation Working Group on a door-to-door community awareness campaign.
- **ECO Asia committed support to a 'twinning' program between PDAM Tirtanadi with Indah Water Konsortium** that will share expertise in Social Marketing Campaigns for Sanitation, Sewerage System planning, and technical exchange.
- **Local Partner NGO JKM (Jaringan Kesehatan Masyarakat) signed a contract with the World Bank totaling \$83,000** for provision of assistance in community organizing within the Belawan 'Water for the Poor' initiative.
- **The Global Campaign for Hand Washing with Soap** was celebrated in Medan and opened by the Mayor. This activity in Aur village brought together hundreds of children, students, and community members. This event was collaboratively implemented with USAID HSP, Save the children, USAID SWS, and the Medan City Government,
- **ESP partnering with US Consulate, Palang Merah Indonesia (PMI), and Children's World International** performed a psychosocial entertainment for kids in SDN 06661 located in Medan Deli, SDN 064980 and SDN 064961 located in Kampung Baru and street children from Lingkungan 3 & 4 located in Aur Village, Medan.
- **ESP-PDAM Tirtanadi, JKM and PEMKO Medan officially open the training program for establishing the 26 CBOs in Belawan** that will manage all aspects of community-based clean water systems from O+M to financial management
- **ESP provided technical support to PDAM Tirtanadi to develop a 5 year plan for water supply**, including annual funding for 3500 additional connections per year for poor communities.

MUNICIPAL WATER SUPPLY AND FINANCE

Leveraging Finance for the Future

Day to day work with North Sumatra Regional PDAM's has focused upon development of strategic plans, debt swap/restructuring initiatives, and leveraging arrangements designed to make these public water agencies more self-reliant and resilient post ESP. Benefits for PDAM's either now in the budget for FY 2009, on priority lists, or foreseen for the future are quite substantial. An example would be the Rp. 12.3 billion allocated by Public Works for a Community Master Meter program in Kuala Namu, or an initial estimate of up to Rp. 30 billion that, with sufficient diligence, can be realized by PDAM Tirtanadi through Deb Swap/debt restructuring under new regulations from the Ministry of Finance. Additionally, ESP has worked with water utilities in the following activities:

- **Bank SUMUT & PDAM Tirtanadi signed a MoU on Micro-credit** in early October to improve the access to clean water for poor households. Action has begun in the Belawan area with the mobilization of a full time micro credit Field Assistant undertaking community based and door-to-door promotion of the program. The first credits have already been transacted.
- **ESP facilitated PDAM Tirtanadi, Ditjen Cipta Karya, and Provincial Tarukim for community-managed water supply** for villages near the new Kuala Namu airport. Funding from Public works for this will total Rp. 12.3 billion in FY 2009
- **Eco Asia, Bangkok, and Manila Water met with PDAM Tirtanadi senior management** and ESP to formulate a joint ‘Twinning’ program to support ‘Water for the Poor’ initiatives.
- **Facilitated PEMKO Medan and PDAM Tirtanadi arrangement to leverage Rp. 7 billion for FY 2009** from PU Cipta Karya in support of the community managed ‘water for the poor’ plan.
- **Proposals for Debt restructuring for PDAM Kota Binjai and PDAM Sibolga** were finalized in December and is ready for submission to Ministry of Finance in January 2009 for initial review. The final draft of the **PDAM Kota Binjai Corporate Plan** was also completed in December.
- **PDAM Binjai was assisted by ESP in designs for optimizing water intake and dam construction** including leveraging of financial support from local government and PU CiptaKarya. Proposed financing will be the Rp.1 – 1.5 billion level.
- **ESP supplied technical support** including field surveys, mapping, engineering design, and budgeting to PDAM Tirtanadi to assist in the development of a 5 year workplan for clean water connections. Of the total annual new connections, 3500 household connections per year will be targeted via the ‘Water for the Poor’ program
- **Micro-Finance Training for household PDAM connections** held across all potential Bank Sumut chapters in Medan City and Karo District.
- **ESP facilitated funding arrangement for raw water, transmission pipe systems, and dam construction for PDAM Tirta Nauli.** PU Cipta Karya has put a Rp. 11 billion allocation on its priority list, while the Sibolga city government has earmarked 4 billion in counterpart funding.
- **Indah Water Konsortium (IWK) Malaysia leadership held a workshop** on sanitation awareness campaigns and signed an MOU for ‘Twinning’ with PDAM Tirtanadi Directors and Eco-Asia.

OTHER HIGHLIGHTS

- **7 Community Leaders from Watershed Management Forums participated in a specialized training program** on biodiversity conservation and environmental economics conducted by FIELD and RMI with support from USAID-AED. Each participant returned with an Action Plan for local implementation.
- **The USAID Watsan Assessment Team visited North Sumatera** to review models, experience, and approaches that might inform the strategy and design of future USAID WATSAN programs.
- **The ‘Water for the Poor’ National Seminar** was held in Jakarta and prominently featured the ‘core team’ of the effort in Medan comprising

representatives from a local CBO, the NGO JKM, PDAM Tirtanadi, and the Medan City Government.

- **The Director General of PU Cipta Karya**, Mr. Budi Yuwono, visited Water for the Poor implementation in Belawan and committed to support MBR program for the next five years, starting with US 600,000 in 2009.
- **12 Visitors from Pakistan** conducted comparative study of community based water supply in Langkat and Belawan. **Mercy Corps** did the same study when they brought CBOs from Jembatan Besi and Penjaringan Jakarta Utara to conduct CBO to CBO discussion on site at various locations.
- **ESP participated in gender perspective program workshop in Medan conducted by PSW (Pusat Studi Wanita) USU.** The case study conducted in Serdang Bedagai and will be used as a role model of Evaluation Study of policy and program on gender responsive in North Sumatra.
- **ESP supported Hand Washing with Soap Campaign** in Baru Ladang Bamboo I Village, Medan Tuntungan in collaboration with BKOW and IIDI (Ikatan Isteri Dokter Indonesia).
- **The FIELD Alliance Exchange workshop** on School and community Environmental Impact assessment and agro-biodiversity was attended by Cahyana dan Ridahati Rambey in Phuket, Thailand in November.



ESP NORTH SUMATRA

Watsan team in Puskesmas Kampung Baru where the USAID integration program is located.



USAID
FROM THE AMERICAN PEOPLE

Map QPR 15 North Sumatra - I

Location of ESP Integration Approach and USAID partners for North Sumatra Region



Legend:

- | | |
|---|--|
| <ul style="list-style-type: none"> ■ Provincial Capital ▲ Volcano/ Mount --- District Boundary --- Sub-district Boundary --- Provincial Boundary ~ River ○ Lake ■ Grand Forest Park ■ National Park ■ Wild life Sanctuary ■ Priority Watershed | Priority Sub-watershed: <ul style="list-style-type: none"> ○ Lau Petani ○ Lau Biang ○ Sei Bohorok ○ Sei Wampu |
|---|--|
-
- | | |
|---------------------------|-----------------|
| Priority district: | |
| 1. Karo | 4. Langkat |
| 2. Deli Serdang | 5. Kota Sibolga |
| 3. Kota Medan | 6. Kota Binjai |

Focus Area for ESP Integrated Program Sites and Strategies, FY 2008:

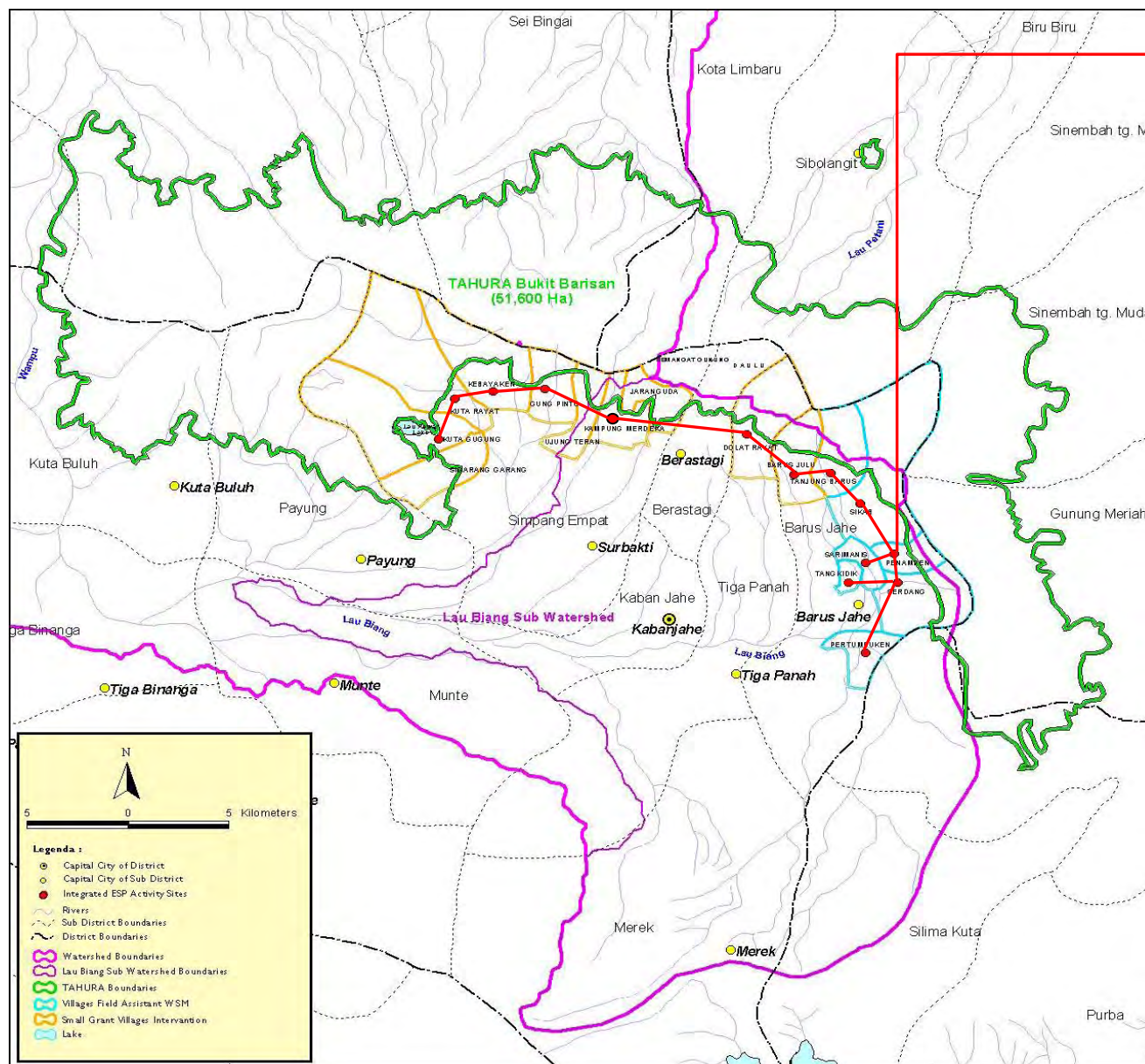
1. TAHURA Bukit Barisan Areas Mini ESP, focus in Lau Biang Sub-watershed
2. Blue Thread Strategy for Sub Watershed Lau Petani.
3. Clean, Green and Hygiene Approach for Medan Metro Area
4. Blue Thread Strategy for Wampu Watershed, focus in Sei Bohorok Sub Watershed and Sei Wampu Sub Watershed
5. PDAMs Institutional Development Program

Focused Districts for USAID Partner Activities, FY 2008:

- ✚ Aksi STOP AIDS Program
- 🏠 Orangutan Conservation Sector Program
- 🏠 Collaborative Orangutan Habitat Protection in Batang Toru Watershed
- 👶 DAP – Save the Children
- 👶 Decentralized Basic Education I
- 👶 Decentralized Basic Education II
- 👶 Decentralized Basic Education III
- 👶 Environmental Services Program
- 👶 Health Sector Program
- 👶 IDS for Avian Influenza / WHO
- 👶 Local Government Sector Program
- 👶 Sustaining Technical Achievements in Reproductive Health
- 👶 Save Water System
- 👶 Strengthening the Initiatives of Government and Others Human Trafficking

Map of Indonesia





- Tree planting in 6 villages in Barus Jahe sub-district



- JAE's green house in Penampen Village



- Biodiversity survey for development of Participatory Biodiversity Action Plan



- Public Consultation in Tanjung Barus for local polices on forest conservation and water resources



- Follow up Field School collaboration between JAE, Palapa and SSS



- Citrus field school



- School based campaign in Serdang and Barus Jahe Villages.



- Follow-up HH actions in Lau Biang integration site.



- Clean Living concept discussion with participants from seven villages.



- TOT for local facilitators for Field School on Water Saving, collaboration between FORMASI, BPDAS and PDAM Tirtanadi Sibolangit.



- Village spatial planning activity in Doulu Village.



- Field Day of FFS on Agroforestry-Cacao from 9 villages in Sibolangit.



- Writing and media training for participants from 9 villages in Sibolangit.



- Minibaseline in Sikeben Village



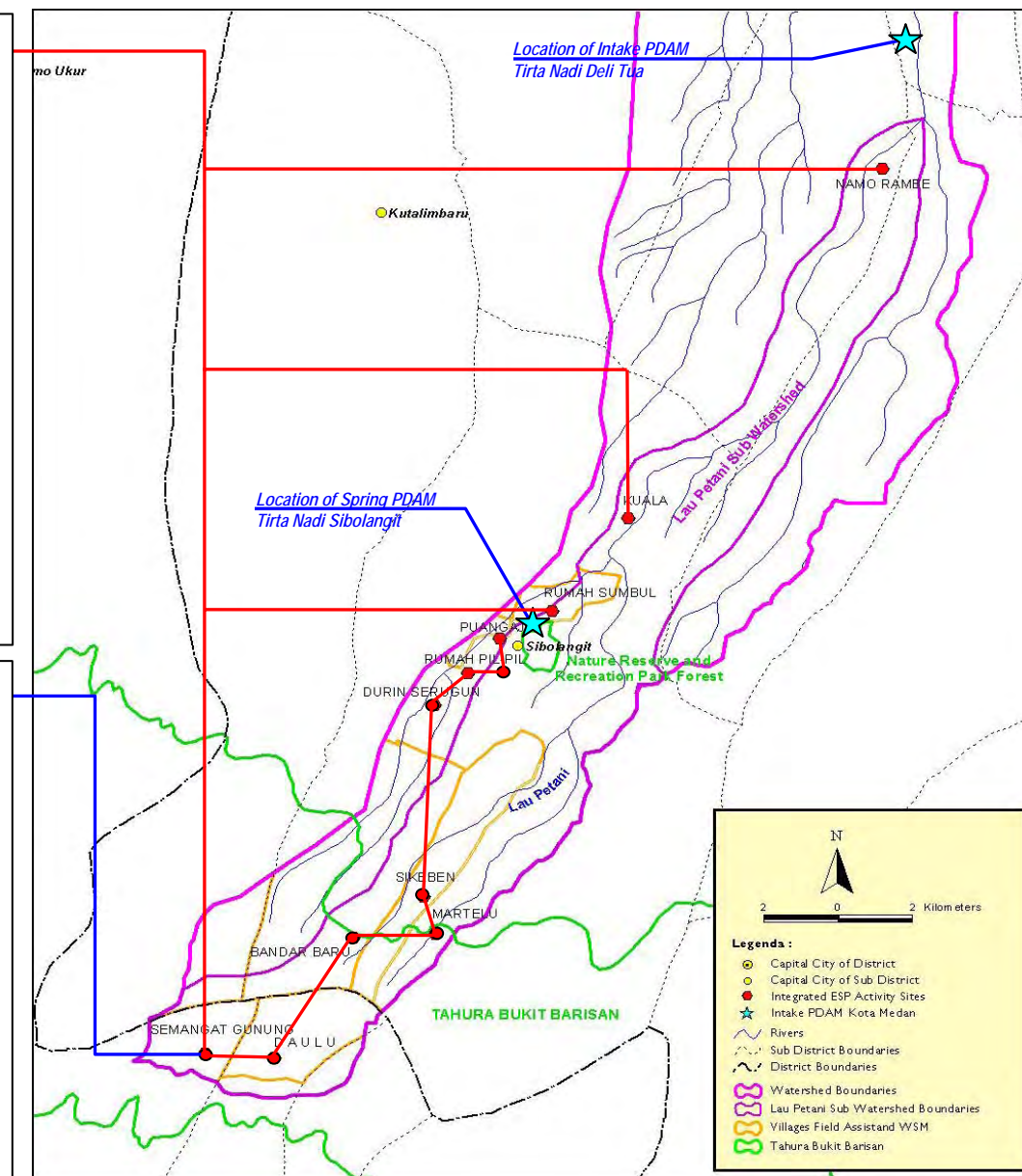
- HWS in posyandu.

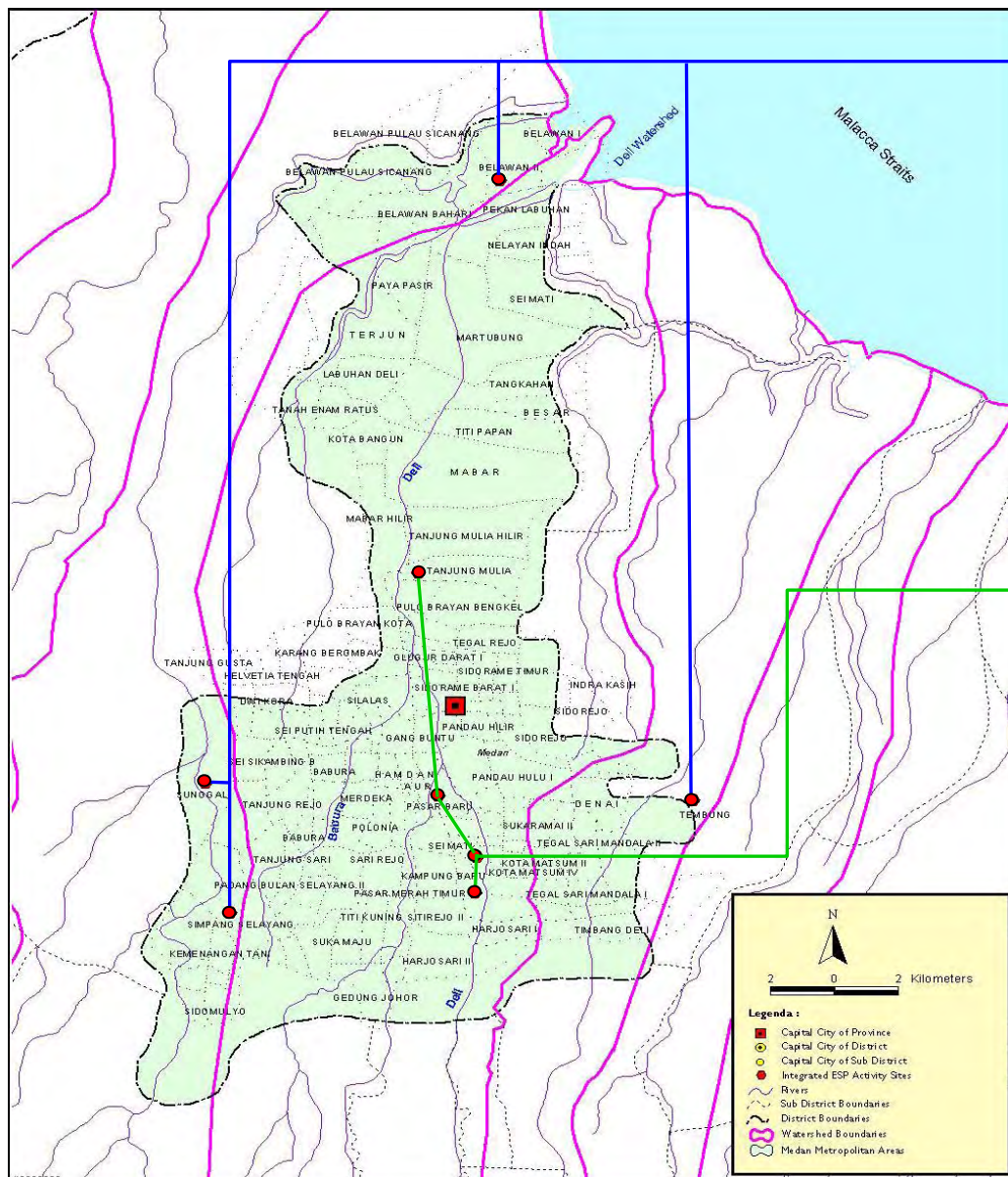


- Clean Living concept discussion in Lau Petani site.



- Follow-up monitoring of Health and Hygiene activity





- Belawan 'Water for the Poor' construction activities underway



- Construction of 'leveraged' sewerage system in Zone 6, Medan.



- Formation of CBO's for Sanitation in Youngpanah Hijau with Provincial SATKER PU



- The delegation from Pakistan holds dialogue with PDAM Tirtanadi.



- Medan Mayor and head of Helath Services with journalists on Global Hand Washing Day celebration



- Mayor with students on Global hand Washing Day Celebration in Aur



- WATSAN assessment team in Aur with USAID partners



- Primary Student at SDN Kampung Baru enjoys the HWS games

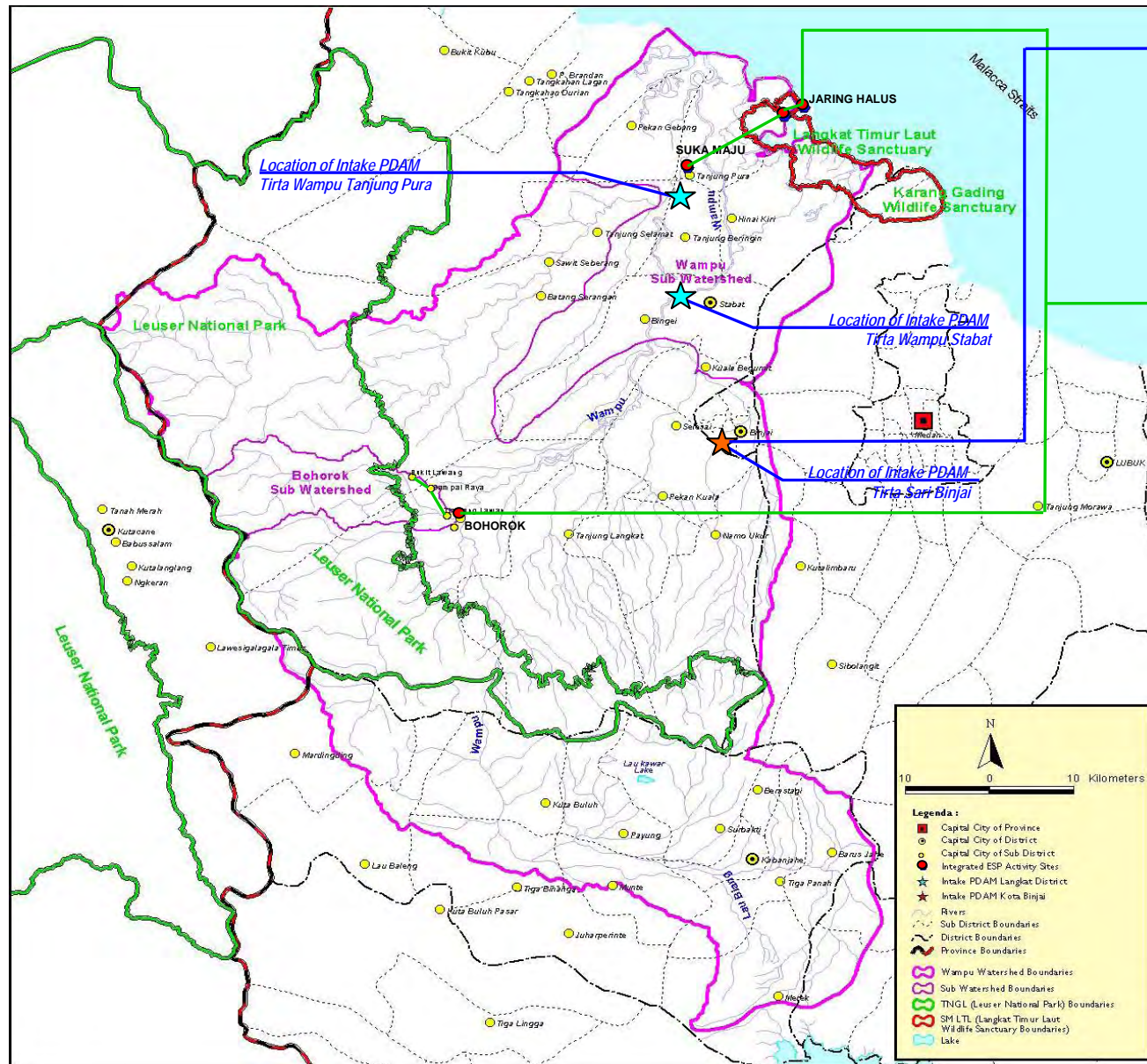


- WATSAN assessment team with USAID partners in Puskesmas Kampung Baru



- Testimonials from students, parents, teacher, cadre on benefits of hand washing with soap

Map QPR 15 North Sumatra - 5 Blue Thread Strategy Update for Wampu Watershed (including Karo and Langkat districts)



• Training Uprating Water Treatment Plan PDAM Tirtasari Binjai



• WTP Marcapada PDAM Tirta Sari Binjai



• Training for community farmers in 5 villages in Bohorok.



• Livelihoods Field School conducted in 5 villages in Bohorok.



• Follow-up Health-Hygiene actions in 5 Villages in Bohorok.



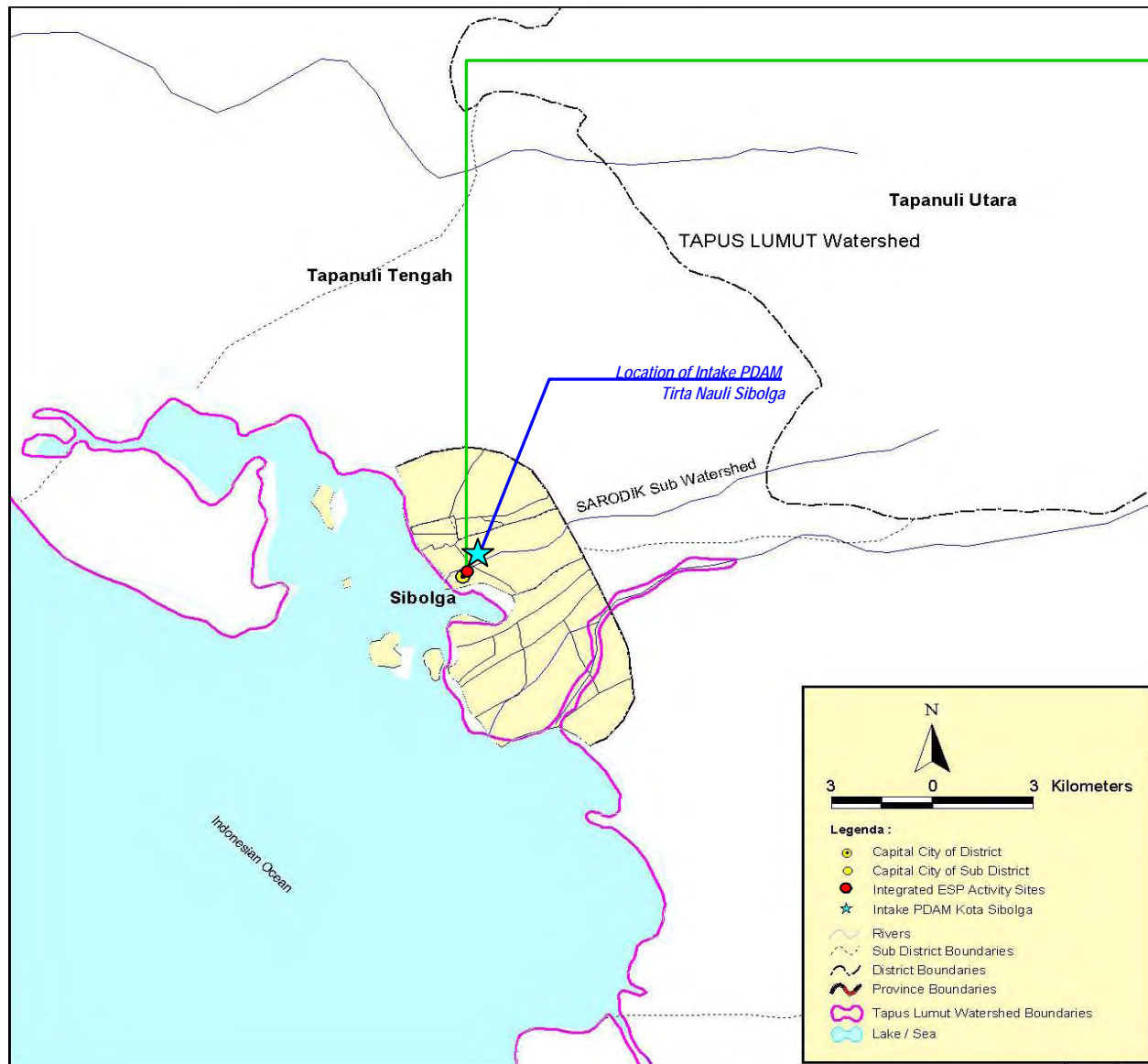
• Clean Living concepts campaign in SD 053956 by Field School members in Bukit Lawang.



• Cadres present a song during the ToT.

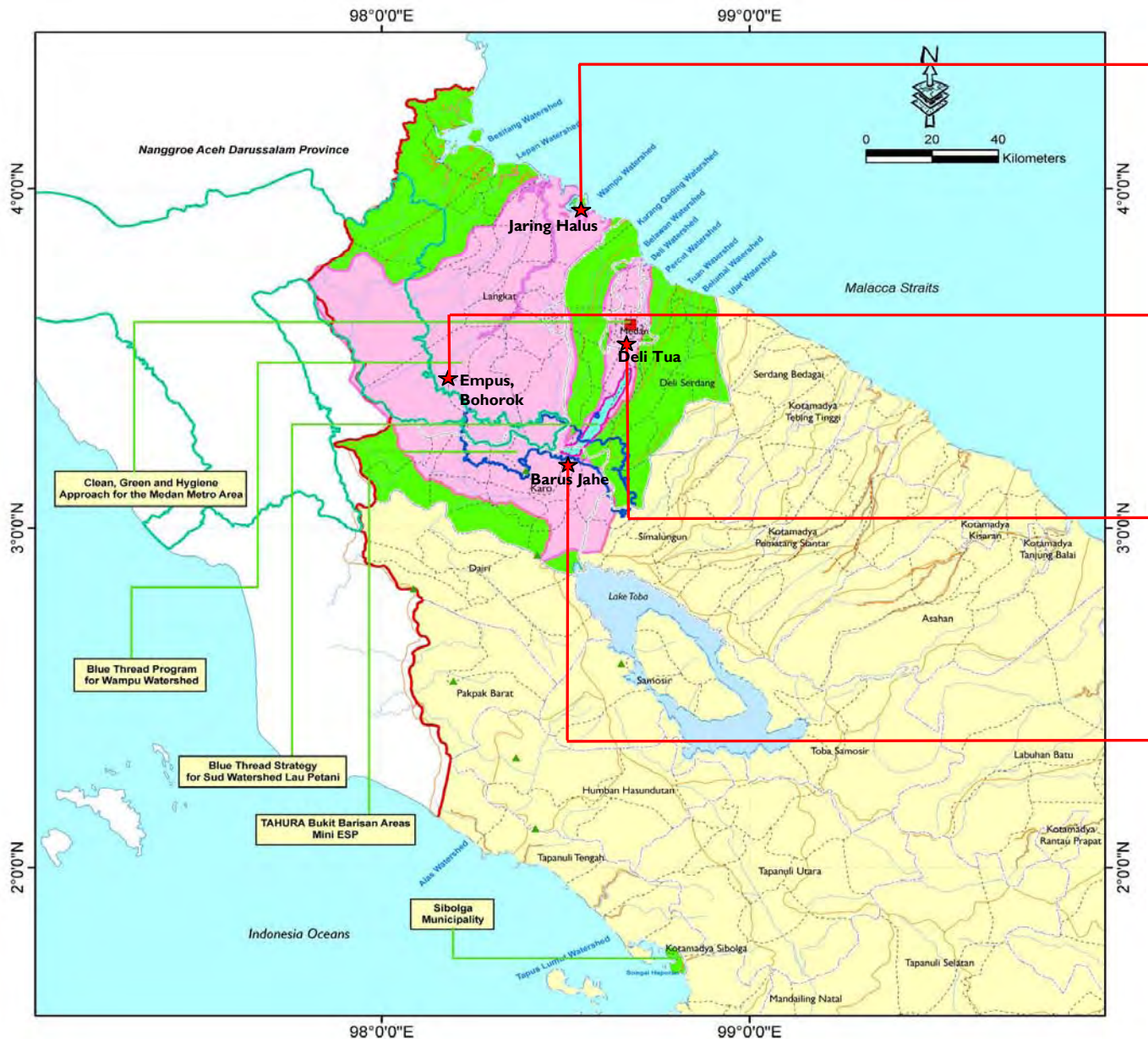


• Facilitators from 5 villages in Wampu integration site.



- Register activity PDAM costumer with PDAM Tirta Nauli Sibolga.

Map QPR 15 North Sumatra - 7 Small Grant Update for North Sumatra Region



- PO MAP: Income generating with organic products: mangrove leaf tea, mangrove chips of Jeruju and Virgin Coconut Oil and Community Base Nursery of Mangrove Trees.



- Small Grant LMA: Field School participants learn composting for agro-forestry soil conservation.



- Small Grant PEKAT: training for students in tree nursery development.



- Small grant OIC: Conservation Savings Plan for schools and communities.



- PALAPA sub-contract: Participatory Biodiversity management plan for Tahura Bukit Barisan

SECTION 2.3.

JAKARTA

INTRODUCTION

Consolidating ESP Project Sustainability

This quarter, ESP Jakarta continued to support many long-term programs with communities and schools. New projects have also been initiated with partners, such as the recently agreed collaboration with Mercy Corps to support the Jakarta Flood Management 2 for installing sanitation facilities in Jakarta.

ESP also emphasized strengthening program sustainability through the establishment of inter-community “lessons learned forums” as well as initiating partnerships with local organizations, such as Yayasan Kirai, IATPI, and Limnology Research Center of Indonesian Institute of Science (LIPI). Encouraging program replication by other partners is also part of the strategy for program sustainability. For example, ESP Jakarta is piloting the ESP Field School approach with Yayasan Emmanuel Water Program and ESP CGH Module with MercyCorps.

Key event and achievements during the quarter include:

- **Final installation stage** of 3 communal Master Meter water connections in Penjaringan and Jembatan Besi, connecting 98 homes serving total 135 households.
- **Cross-visit for 2 partner NGOs** and 15 cadres from Penjaringan and Jembatan Besi to Medan to facilitate inter-community learning on the successful model of Master Meter operation and management.
- **Field School training series** for 29 cadres of Pulo Kandang and Bintaro Lama with Yayasan Emmanuel Water program including technical assistance for implementation of community action plans, such as health and hygiene campaigns for 202 people, the development of slow sand filter, protection of 2 shallow wells and improvement of one public latrine benefiting 84 households.
- **Health and hygiene training** for three communities in Penjaringan using the recently finalized CGH module Penjaringan involving more than 50 cadres, men and women.
- **CGH school teacher training** of SDN 02 Marunda, SDN 013 Petojo Utara and Madrasah Al Kenaniyah, involving a total of 114 students and 16 teachers.
- **Campaign to commemorate Global Hand Washing with Soap Day** with roughly 450 students and teachers from SDN Marunda 02 Pagi and 50 invited guests from ESP partners and media.

INTEGRATED SITES UPDATE

Clean Green and Hygiene in Kelurahan Penjaringan, North Jakarta

Implementing the Master Meter system to reach 85 Households. Under a collaborative program with HP3/Lestari and partners, namely Mercy Corps, ESP, URDI, SwissContact, PT Palya and the community, ESP Jakarta is working hand-in-hand on the communal water connection program in RW 12 Kelurahan Penjaringan. The system adopted

the proven Master Meter model of ESP Medan, providing 59 house connections managed by a Community-Based Organization (CBO) called “The Jakatirta 12”. A total of 85 households are served through this system. Jointly, partners worked on capacity building and mobilization for the community and CBO through a series of trainings and discussions and are working on the physical infrastructure construction including ground water tanks, roof tanks and the piping system. All of the infrastructure is now installed and ready for use. PT Palyja is now working on installing the meter and on administering this new type of connection within PT Palyja’s system.

Spreading a Sustainable Message through Behavior Change Trainings.

Aiming to link the above programs with hygiene behavior change, ESP assisted HP3/Lestari in mid-November in conducting Clean Green and Hygiene trainings for more than 50 cadres from the 3 RWs: RW 8, 12, and 13. Using the recently finalized CGH module developed by ESP’s Strategic Communication Team, each RW received 3 days training, including an introduction of basic CGH

concepts and water promotion, sanitation and solid waste related hygiene behaviors, and the Ten Minute Monitoring tool. The material was adjusted and carefully selected based on the current pilot project taking place in each RW, linking the program with transmittal of diarrhea diseases as presented in the Fecal-Oral Transmission diagram. Following the training, these communities have allocated an agenda in their action plan for having a campaign that will enable them to spread the message to their neighbors as well as implementing the promoted behaviors.



SITI NGAISAH/ESP JAKARTA

Participants describe the causal linkages of diarrhea and inadequate hygiene behaviors presented in cartoon illustration taken from the Fecal-Oral Diagram (left). Each group then presented their findings to all participants (right).

USAID Anchor Site in Petojo Utara (Central Jakarta) and Jembatan Besi (West Jakarta)



JOHANIS VALENTINO/ESP JAKARTA

Community representatives from Jakarta, in a cross-visit learning trip, discuss the Master Meter System and tariff issues with PDAM Tirtanadi (left) and field observations with Yong Panah Hijau (right). The community also visited three other systems in Sunggal, Sei Mati, Belawan and one communal sanitation model in Rusunawa-Labuhan.

Ongoing programs in Petojo Utara RW 08 and Jembatan Besi RW 04 are consistently focused on improving existing hygiene practices. Particularly on solid waste, in both places recycling has been a major emphasis following the selection of both locations to represent its municipalities in various recycling events and competitions. However, the system is still under construction, meaning that ESP is still assisting these communities in developing and adopting the combined composting-recycling system that is most appropriately suited for them. A participatory monitoring system was also introduced and is currently being monitored and evaluated by ESP Jakarta.

The results of MCK++ effluent sampling shows that 2 of the 7 effluent parameters, ammonia and detergent are still above the referred standard (Governor Regulation Nr. 122/2005). ESP will work with local NGOs to install a constructed wetland that simultaneously functions as wastewater garden. One proposal submitted by Yayasan Kirai Indonesia and LIPI's Limnology Research Center was selected through a bidding process and the activity is expected to commence in mid January 2009.

Similar to the Master Meter approach in Penjaringan, ESP Jakarta is now working on establishing 2 systems in RW 04 Kelurahan Jembatan Besi. A total of 39 house connections are installed serving 54 households. PPKM, a local NGO, helped to facilitate and mobilize the community as well as to install the supporting infrastructure. To strengthen the system, ESP also facilitated the community of Jembatan Besi and Penjaringan for a cross-visit to Medan during mid-November, to learn about the successful model of community groups managing the system. A total of 15 community representatives and 2 NGO partners, PPKM & Mercy Corps, visited 4 Master Meter locations. ESP also facilitated a meeting with PDAM Tirtanadi and with the community groups/CBOs. The visit has been beneficial for the community not only in learning first-hand the benefits and challenges of the built system but also because they feel motivated towards developing a better system with their community.

Clean, Green and Hygiene Schools in Kelurahan Penjaringan, Kelurahan Kwitang, Kelurahan Cikini and Kelurahan Kayu Putih

Sustainable Hygiene Behavior Practices

Following the teachers training session conducted last year, ESP and HKI came to an agreement for piloting a CGH concept in 1 of the 5 HKI's inclusive schools in Jakarta, SDN Marunda 02 Pagi. During this period, ESP, SWS and HKI jointly conducted the first session of CGH training for the students. This activity was also ESP Jakarta's support for ESP StratComm's initiative to commemorate the Global Hand Washing with Soap Day in October 2008. A total of 94 students were trained in four different topics, Fecal-Oral Transmission, household water treatment with Air RahMat, hand washing with soap, and hygiene practices through Snake-Ladder games. Students also did experiment comparisons using rice held by an unwashed hand, rice held by washed hand without soap, rice held by properly washed hands with flowing water and soap. The purpose was to see how bacteria grew in these 3 different treatments.



TRISYANA N. ARDIANTI/ESP JAKARTA

Students of Madrasah Al Kenaniyah learn how to make recycled paper and handicrafts made from used paper.

This period, ESP also started new program with SDN 013 Petojo Utara. This school has a strategic role in integrating community based program with school based. The school is very eager to contribute to reduce amount of organic solid waste as well as introducing hygiene behaviors to the students. Thus, solid waste management is participatively selected as the priority program for this school, particularly composting. To start with, ESP facilitated technical training for teachers on composting, and cross-visits to Kebun Karinda, a composting training centre. Following these activities, the school principal and teachers responded very positively, and they are now ready for preparing in-depth implementation activities, including infrastructure.

Starting this period, ESP has assisted a Islamic Boarding School Pondok Pesantren or Madrasah Al-Kenaniyah in East Jakarta through a training series for 20 students, aimed at adopting the Clean, Green and Hygiene approach. This will include understanding Fecal-Oral Transmission and promotion of clean water, sanitation and solid waste related hygiene behaviors as well as hand washing with soap. These 20 students are comprised of a mixture of elementary and high school level students, to enable multi roles and wider representatives in implementation. Being held on a weekly basis, the on-going training not only facilitated knowledge improvement, but also allowed the students in developing a work plan and follow-up activities which are evaluated and discussed weekly.

As part of capacity building activities for schools, ESP facilitated cross visits and field training to Kebun Karinda, a composting and nursery training center in South Jakarta, to allow better learning and direct contact with solid waste activists. Different methods of composting were presented and displayed, which gave teachers and students better understanding of the components as well as the capacity to select the most appropriate means for them. It was also combined with learning about how a green school is established and maintained, through visits to well-acknowledged Green School SMAN 34 in South Jakarta. Both of these visits were attended by 20 students and 12 teachers of Madrasah Al-Kenaniyah and SDN 013 Petojo Utara.

“Persistence is the Key to Behavior Change”

“If we teach and show them how to do it, they will learn and practice it,”

remarked Dewi Laksanawati, a teacher of Madrasah Ibtidaiyah (MI) or Islamic Elementary School of Al Kenaniyah. She is responsible for assisting students in implementing the ESP CGH model. She works very intimately with her students, many of which come from underprivileged families living in informal slum areas. Floods and eviction have forced many of these families to move, uprooting their children in the process. Suud is a fifth grade student who represents the

above case but exhibits enthusiasm and active participation in the classroom. “I am now doing hand washing with soap regularly,” he said proudly. Dewi proudly discussed how teachers are the key players in tirelessly reminding all students that their actions have significant affects on their environment. “For example, floods are one consequence of littering in the river. Persistence is the key to behavior change”, she confidently stated.



SITI NGAISAH/ESP JAKARTA

“I know now how to compost but I like recycling better”, said Suud (right), student of Dewi Laksanawati (left).

Hardware Follows Software for Replication of ESP Field School Approach in Urban Settings in Pulo Kandang and Bintaro Lama



RAMADHANA WULANDIANI/ESP JAKARTA

33 women work together to make 13 units of a slow sand filter. The filter will help them to get clean water during the flood season.

Starting from July 2008, ESP collaborated with Yayasan Emmanuel Water Program to implement the Field School approach in 2 slum areas in Jakarta, Pulo Kandang and Bintaro Lama. The training series were completed in both areas involving 18 women in Pulo Kandang and 11 men and women in Bintaro Lama. Based on the identified problems, all participants have short-listed hygiene and environmental related action plans. The first implementation phase was also completed and included a hygiene promotion campaign and improvement of existing water and sanitation facilities.

The community of Pulo Kandang lives in a swampy and flood prone area. They rely on

brackish and contaminated surface water for drinking and cleaning. Therefore, the main issue and top priority for the community of Pulo Kandang is improvement of their water quality as well as promotion of adequate hygiene behaviors. In total 30 women and 40 children participated in Hand Washing with Soap campaigns initiated and conducted by Field School participants. Activities for improvement of clean water quality are ongoing. The community chose to develop simple and applicable household treatment systems using slow sand filter technology. Up to now, the community has made 12 household filter units of 20 L sized plastic containers and one 150 L container for used by 5 to 7 households.



JOHANIS VALENTINO/ESP JAKARTA

ESP Field School participants explain the relation of diarrhea and inadequate hygiene behaviors to their community using a Fecal-Oral Transmission Diagram.

In Bintaro Lama, 11 people participated fully in the Field School program with some follow-up action on protection of shallow wells and improvement of communal latrines. There are 2 shallow wells and 1 communal latrine improved by Yayasan Emanuel Water Program benefiting a total of 65 households. The Field School participants also initiated and conducted hygiene promotion campaigns in their community, involving 132 people, including children from 8 scavenger housing clusters. Through the campaign, the community understands the importance of hygiene behaviors, such as hand washing with soap, defecating in toilet, safe water and food storage.

OTHER HIGHLIGHTS

- HWWS Global Campaign in SDN 02 Marunda**
 As part of the commemoration for Global Hand Washing with Soap Day on October 15th, ESP held a joint HWWS campaign with HSP, SWS/Aman Tirta, Helen Keller International and Reckitt Benckiser/Dettol at SDN Marunda 02 Pagi, North Jakarta. This event was attended by approximately 450 students and teachers and 50 other invited guests from ESP partners and media. The Fecal-Oral Transmission Diagram was introduced by the school students to the audience. They also explained the importance of hand washing with soap to prevent infectious bacteria from entering the human body. The event themes were introduced in an interactive manner that resonated with the children, encouraging them adopt positive hygiene habits for years to come. Messages were packaged using edutainment tools, such as snake and ladder, good water versus bad water, treasure hunt games and quizzes.
- Bazaar Plastic Waste Recycling Product at Jakarta International School**
 ESP supported the communities of Jembatan Besi and Petojo Utara to sell the plastic waste recycling product made by women cadres at JIS campus on Jl. Pattimura for the Christmas Bazaar. The community successfully sold 10 products to expatriates working at JIS, earning Rp 770,000 in total.
- Supporting ESP West Java Program in Cinagara, Kabupaten Bogor**
 Beginning this year, ESP Jakarta will be providing technical supports for the water sanitation program in Cinagara village of Bogor District. Initial assessments were conducted in September to identify a list of program priorities. A communal latrine was already constructed by the community. As the facility is not yet equipped with any wastewater treatment system, ESP provides technical assistance for the community to install a simple septic tank. The latrine will be used by 15 households who were before accustomed to openly defecating in the river. For the water supply, an individual donator has helped provide this community with pipes to distribute water from the spring water source 400m away. The pipes are now being laid as well as a water intake/broncaptering and small water reservoir. ESP will work with Dinas Pekerjaan Umum Kabupaten Bogor to install three public taps that will distribute the water even closer to the housing area. Around 62 households will benefit tremendously from this system.



REZKI MULIA BAHAR/ESP JAKARTA

The two-room communal latrine (left) and a distribution pipe with small water intake (right).

**Clean Green and Hygiene in
Kelurahan Penjaringan**

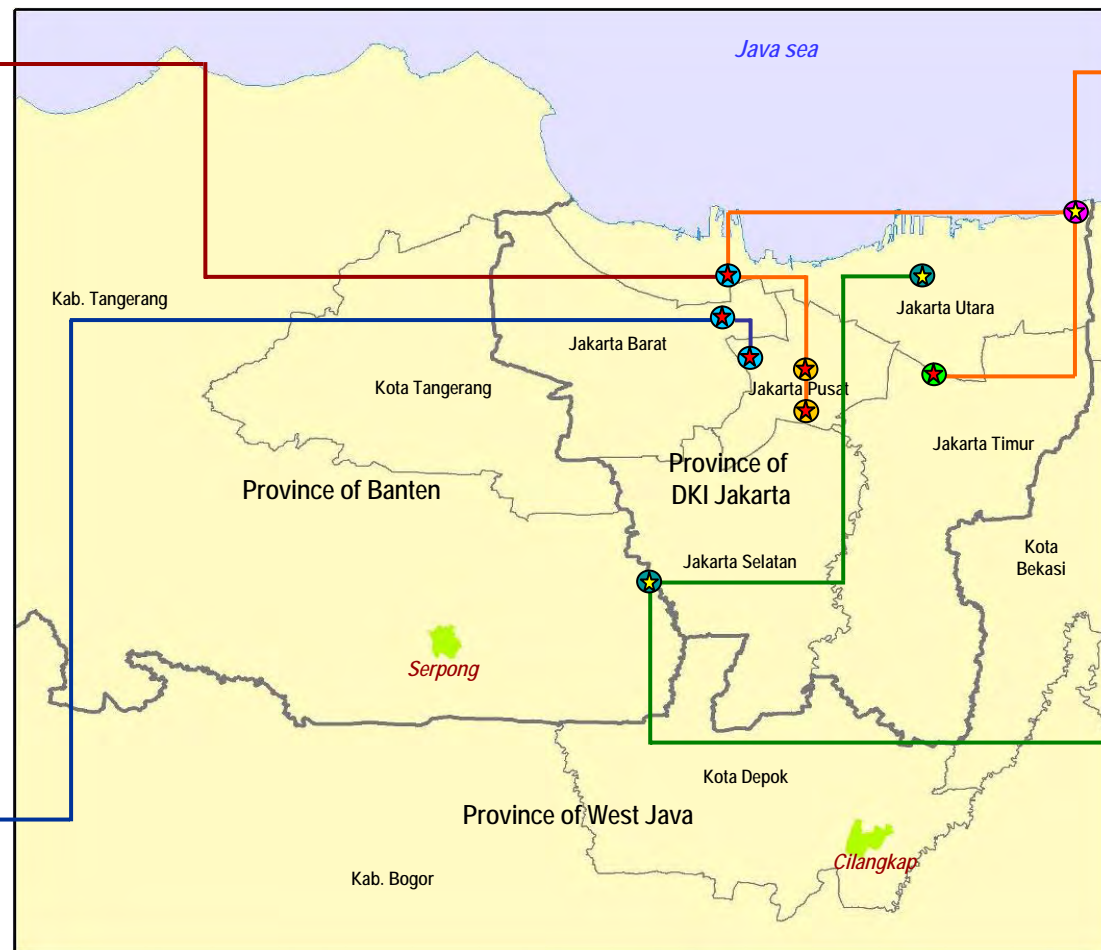


Using ESP CGH module, 50 Penjaringan cadres received 3 days training that includes basic CGH concept and promotion of water, sanitation and solid waste related hygiene behaviors and the 10 minutes monitoring tool.

**USAID Anchor Site in Kelurahan
Jembatan Besi & Kelurahan Petojo
Utara**



Through ESP small grant program, two master meter systems in RW 04 Kelurahan Jembatan Besi are established, with total of 39 house connections are installed serving in total 54 households. Visit to Medan was facilitated to learn how the successful model of community groups managing the system



Clean Green Hygiene Schools



Activities with 6 CGH schools have continued in this period, through training series involving a total of 114 students and 16 teachers. Beside introducing basic CGH concept and good behaviors around water, sanitation and solid waste, ESP also facilitated cross visit to various sites e.g. composting and green schools.

**Hardware Follows Software through
ESP Field School**



Field School training series for 29 cadres of Pulo Kandang and Bintaro Lama with Yayasan Emmanuel Water program have been followed up with health and hygiene campaign for 202 people, development of slow sand filter, protection of two shallow wells and improvement of one public latrine that in total benefiting total 84 households

SECTION 2.4.

WEST JAVA

INTRODUCTION

Throughout this quarter, ESP West Java built a legacy for sustainability through strategic networking with local government, the private sector, the community, and schools while also creating “ambassadors” at the community level to replicate and expand similar ESP programs on a wider scale. The Clean, Green, and Hygiene program, the spring water protection through greening, biopores and infiltration wells construction programs were performed hand-in-hand with all stakeholders. In addition, community initiatives to create a sustainable plastic recycling program that simultaneously provides supplemental income and the Water for the Poor program were well received, appreciated and supported by all stakeholders. All of these programs are supported by the strategic grants programs to achieve their desired target outcomes. In addition, PDAM performance is being improved and a successful micro-credit program is currently being implemented to connect houses from low-income families with piped water from the respective PDAM.

Key event and achievements during the quarter include:

- The Clean, Green and Hygiene program is leaving behind a model, at both the school and greater community level, for hygienic behavior towards hand washing with soap. The Global Hand Washing with Soap Day was part of a fantastic momentum in the effort to decrease the prevalence of diarrhea in West Java. Strategy implementation succeeded thanks to strong partner collaboration with the Dinas Kesehatan, Dinas Pendidikan, PKK Kota Bandung, Aman Tirta, Kelompok Kerja Komunikasi Air (K3A), SD Pertiwi and SD Neglasari. SD Pertiwi in Tamansari was chosen and ESP trained and created 25 ‘ambassadors’ to further train the community on hand washing with soap. This event succeeded thanks to the hard work and support by the head of the Women Welfare Group (PKK) of Kota Bandung, Ms. Nani Dada Rosada.
- SD Pertiwi together with six other elementary schools in Tamansari, have already included hand washing with soap as part of their school curriculum and students and teachers physically practice these recently learned behaviors during the class break time.



ESP WEST JAVA

Mrs. Nani Dada Rosada attended the Global Hand Washing With Soap Day in Tamansari, Bandung, and is entertained by SD Pertiwi ‘Ambassadors’ training the community on healthy hand washing with soap behaviors.

- In regard to upstream-downstream causal links, ESP West Java facilitated the community and other stakeholders in various activities such as spring water protection, forest and land rehabilitation, and strengthening partners' networking in support of watershed management sustainability in West Java.
- ESP West Java helped create PORTAB, a local community organization that is well respected by all stakeholders, the community, local government and the private sector. It has now become the spearhead, particularly in Kabupaten Bandung Barat. PORTAB received 16,700 seedlings of mahogany, suran, jackfruit, avocado and coffee from Dinas Kehutanan Propinsi Jawa Barat, the wife from the Deputy Governor of West Java, Direktorat Pengelolaan Lahan Departemen Pertanian and PLN Jawa Bali to be planted on 36.1 hectares in the Sub-Watershed of Cikapundung.
- For the protection of the Cikapundung sub-watershed the community has drilled 860 biopores and constructed seven infiltration wells to improve the ground water level.
- In Cianjur, Sukabumi and Bogor, ESP motivates the community to develop their own nursery and seedling selection to be planted on their land and the surrounding critical land. At present, the community in Cianjur already has 69,000 seedlings ready for planting. The nursery also sells seedlings to outsiders in return for proceeds to sustainably support their activities.
- ESP West Java also created 'ambassadors' in solid waste management. The community learned about the 3Rs (reduce, re-use and re-cycle) and benefited from activities turning plastic waste into economic value added handicrafts. These ambassadors traveled across Aceh and Java to motivate and teach others on plastic waste handicrafts to receive supplemental income. Other donors and universities are learning about solid waste management from the ambassadors, who include the famous Ibu Iyom from Tamansari.

INTEGRATED SITES

Mini-ESP in Sub Das Cikapundung

Global Hand Washing Day. Working in collaboration with Aman Tirta and K3A, ESP commemorated the Global Hand Washing Day at SD Pertiwi and SD Neglasari. This activity involved the Dinas Kesehatan, Dinas Pendidikan, Local Government of Kota Bandung and the community surrounding the school. This hand washing with soap (HWWWS) event began with a student-driven explanation of the importance of HWWWS and was followed by a 'learning by doing' exercise in hand washing with soap by all the invitees and students from SD Pertiwi. The 25 student HWWWS ambassadors joined the wife of the Bandung Mayor, Nani Dada Rosada, and the Kepala Dinas Kesehatan, Gunadi Binekas, on a visit to the Tamansari community to train and campaign proper hand washing with soap techniques. This event was well covered by the local media who granted ESP considerable attention.

Multi-Media Campaign (MMC): The current MMC theme is "*Water-Health-Environment Link: Celebrating a Local Champions*". ESP is conducting several events, one of which worked with mostly environmental-related NGOs situated in Bandung to discuss "public participation in environmental programs". In addition, ESP held a media gathering discussion on "public participation potential regarding water quality improvement, health and the environment". This event was conducted in collaboration with Kelompok Kerja Komunikasi Air, K3A, Badan Pengelola Lingkungan Hidup Jawa Barat (BPLHD prov. Jabar), Dinas

Kesehatan Provinsi Jabar and a sociologist from Universitas Padjadjaran alongside an additional 50 journalists and environmental activists. The MMC is strengthened by a 30 journalist strong media visit to Griya Cempaka Arum Kelurahan Cimencrang Kec. Gede Bage Kota Bandung with the intention to release news on community-based solid waste management as an angle to environmental conservation.

Organization Management Training. To equip the community organization with tools for environmental program sustainability, ESP West Java collaborated with Yayasan Peduli Citarum (YPC) and Yayasan Lestari to conduct organization management trainings to PORTAB staff. It is a 2-phase training event, beginning with community group trainings with 10 villages and followed by training to the entire network. The purpose of the first phase is to strengthen the organizational structure and clearly define responsibility and further develop techniques and the presentation of the action plan. At the network level, PORTAB revisited their vision and mission and strategy plan at the village, sub-district and district level. PORTAB is also designing a proposal to be submitted to environmentally-concerned stakeholders in West Bandung.

Initial Workshop to bring together PERHUTANI and the community to discuss Forest Management. ESP facilitated a dialogue between 10 Lembang village communities, PERHUTANI, and other respective stakeholders to achieve consensus regarding PERHUTANI forest management activities to include community-based coffee planting and forest conservation in the interest of Cikapundung Sub-Watershed ecosystem protection. The objective is to push environmental conservation while assisting the community to increase their income. PERHUTANI welcomes the plan and would like the community to manage the forest through the PHBM or community-based forest management. The ultimate result is that PORTAB and PERHUTANI will implement LMDH in each village and develop a future action plan in forest management. The Deputy Governor of West Java's wife, Mrs. Sandy Yusuf, supported this movement and contributed 1,000 guava seedlings to be planted in the watershed.

Multi-stakeholder Support for the Rehabilitation of the Cikapundung Sub-Watershed. The effort to rehabilitate the Cikapundung Sub-Watershed received full support from all stakeholders of Bandung Barat and the Province of West Java. The support includes the following:

- 1,000 guava trees from the wife of the Deputy Governor of West Java
- 10,000 seedlings of mahogany, suren, advocado and jackfruit for the Dinas Kehutanan Propinsi Jawa Barat
- 2,000 certified coffee plants from the Departemen Pertanian
- Rp. 10 million from PDAM Kota Bandung for the installation of infiltration wells to protect the Cikareo spring.



ESP WEST JAVA

The Minister of Agriculture, Anton Apriantono, visited the PORTAB booth on "Gerakan Gemar Menanam di Ciwiday, Bandung".

Multi-stakeholder Workshop “Realization and Program Support to Cikapundung Sub-Watershed Action Plan” conducted by Yayasan Lestari and Dinas Kehutanan Jawa Barat.

On 13 October, 2008, Yayasan Lestari and PORTAB implemented a workshop attended by the Bupati of West Bandung, Dinas Kehutan West Bandung and other respective stakeholders from West Bandung. The workshop resulted in an agreement by stakeholders to provide support in the implementation of the action plans developed by villagers and PORTAB.

Minister of Agriculture Declaration on “The Planting Habit Movement”. The planting habit movement and the Field Day of the Department of Agriculture at Cukanggenteng Village, Pasirjambu District, Bandung was attended by the Minister of Agriculture, Mr. Anton Apriantono, and stakeholders from West Java Province particularly Bandung. PORTAB was invited by the Dirjen Pengelolaan Lahan dan Air to share their experiences to farmers via an exhibition and shared dialogue. As a result, PORTAB received 2,000 coffee plants from the Department of Agriculture. Lodging and meals for PORTAB staff were provided by PT. Indonesia Power.

PDAM Kota Bandung Funded the Construction of the Communal Septic Tank. ESP West Java and PDAM Bandung worked in collaboration on the construction of a communal septic tank with a 150 household capacity in Pasirluyu and a 100 household capacity in Tamansari, Bandung including public toilets, bathing and laundry facilities. The purpose of these 2 facilities is to reduce the level of e-coli contamination in the Cikapundung River. The septic tank also produces methane gas and is used for cooking in the two administrative units in Tamansari. A management unit has been developed to oversee the maintenance of the facilities while BEST, a national NGO, is assisting the unit presently consisting of 25 technical operation and financial management staff.

In addition, ESP West Java is collaborating with Politeknik Negeri Bandung in finalizing the sanitation mapping for one administrative unit, RW 11, in Kelurahan Kopo, Kecamatan Bojong Loa Kaler Kotamadya Bandung. This sanitation mapping will recommend exact locations for the sanitation installations planned to serve 352 households, or a total of 667 people, by PDAM Kota Bandung.

Blue Thread Sub Watershed Cimandiri Hulu, Sukabumi

“Hemat Air” - Water Saving- Field School. The purpose of this field school is to mitigate conflict between the PDAM and farmers living downstream from the Batukarut Spring in Salawi Village, Sukabumi. The farmers have already discussed several topics including: 1) Ecosystem Introductions, Agro-ecosystem Management, Soil Nature and Characteristics, Soil Texture, the Capacity of Soil to Hold Water, Capillary Capacity, Soil Structure, and Paddy Field Seed Preparation. This activity includes 21 farmers, consisting of 8 males and 13 female farmers.

Infiltration Well Study. The Batukarut Spring is very important to the Sukabumi community due to its function as the raw water source for the PDAM Sukabumi as well as for the irrigation of thousands of hectares of paddy fields in Kecamatan Sukaraja. To promote conservation of the spring, a study was conducted to install 20 infiltration wells in the area. This study was done together with Lembaga Raptor Conservation Society (RCS), PDAM Kota Sukabumi and Kelompok Tani Lestari Batukarut, the Village of Langensari, Sukabumi. The study documents the following issues:

1. How to implement an infiltration well;

2. The water absorption capacity of each well; and
3. The fluctuation of water discharge of the “Batukarut Spring”.

ESP anticipates that this three month study will benefit all stakeholders, the local government, the local community, and the private sector by improving the water capacity of the Batukarut Spring.

Batukarut Spring Protection. In regard to the protection of the Batukarut Spring, ESP West Java collaborated with other stakeholders in a range of ways:

- **An environmental analysis** in the Batukarut Spring Zone that consist of the villages of Langensari, Selawi, and Cisarua in Kecamatan Sukaraja, Sukabumi
- **Establishment of the Perdes (Village Act) on village conservation** that is based on protection and improvement of the Batukarut Spring Zone
- **Declaration on the protection of Cimuncang sub-sub watershed**, and Upstream Cibandiri Watershed within the administrative authority of Kecamatan Sukaraja of which the declaration is signed by the Camat Sukaraja, three village head, farmer’s group of Lestari Batukarut, Formula, PDAM, Forpela, PT Aleksindo, and PTPN Goapara
- **A workshop to draft a strategic action plan** on the protection and installation of infiltration wells with the involvement of Pemda Kab Sukabumi, Pemda Kota Sukabumi, PDAM, Forpela, 3 village head, Camat Sukaraja, community leaders and a local NGO, LSM Suling
- **Establishment of the “Forum Peduli Mata Air Batukarut”** included therein are the organization structure, the by law and processing of the legal status
- **Installation of the infiltration wells** that will be completed within 3 weeks.

Clean, Green and Hygiene School. Two elementary schools and one Madrasah in the village of Langensari agreed to teach their students Clean, Green, and Hygiene behavior change and include the program in the school curriculum. Triggered by the poor environmental condition of the village, the school would like to act as the spearhead for behavior change in their village and serve as a model for surrounding communities.

Community Led Total Sanitation (CLTS) at Kertajaya. As a result of the CLTS team assistance who worked closely with the sub-village head administrative unit (RW and RT) at Kertajaya, 22 toilets were constructed for use by approximately 300 people. The community demonstrated resourcefulness and determination in building toilet using appropriate technology and without outside assistance. The facility improves everyday life because of its direct impact on the river and overall environment.



ESP WEST JAVA

CLTS cadres facilitated the construction of a toilet facility in the community of Cisantri, Sukabumi.

Rural Water Supply System. ESP West Java is collaborating with VNG International, a Dutch based NGO, to construct a water distribution system in 3 villages in Sukabumi including Cinsantri, Citemen, and Cijangkar. Procurement of the pipes and accessories has already been conducted for the 3

villages. In Cisantri, the community and construction workers have completed the foundation of water reservoir and the footings for the pipes, while in Citemen and Cijangkar the community is making some land available for the construction of the intake and the reservoir. VNG is contributing 1,300 Euro equal to approximately Rp.169 million and ESP is contributing the pipes and technical assistance totaling Rp.125 million. The system will serve 185 houses, or 930 people, and will be fully operational by January 2009.

Blue Thread in Cikundul-Cilaku Sub Watershed

Participatory Land and Forest Rehabilitation.

To continue with the participatory land and forest rehabilitation program, a number of farmer groups concerned with the program created an independent farmer group called “Komunitas Peduli Alam Sustainable (KOMPAS)”. KOMPAS has formulated and agreed to a five year (2008 – 2012) participatory land and forest rehabilitation action plan. The group is self-sufficient and utilizes funds from their own profitable businesses in nurseries, goat breeding, and corn plantations. Their starting capital is 69,000 seedlings, six goats and one corn plantation hectare.

Clean, Green, and Hygiene School. ESP facilitated the Clean, Green, and Hygiene model at schools to emphasize the importance of hygienic behavior change, solid waste management and environmental conservation at SD Salahuni and SD Wargasari. The school has adopted the concepts and the HWWWS is spreading throughout the community thanks to the energetically involved students.



ESP WEST JAVA

Gambelina trees planted by the community in DAS Cikundul, Cianjur.

The “Abdi Lingkung” Working Group. There are a number of environmentally-minded community groups in Sukatani village, located at the foot of Gunung Gede-Pangrango National Park. These groups agreed to form a more formal working group by the name of “Abdi Lingkung”. Their objective is to establish an environmentally friendly agroforestry program and collaborate with all residential stakeholders in the area. In collaboration with PERHUTANI KPH Cianjur, the group received 7,000 Gamelina tree plants to be planted on seven hectares of land from BALITRO. The group, whose members borrow funds and pay them back in the form of supervised tree planting, already has funds totally Rp.4 million.

‘Think National, Act Local’ Strategy for Gede Pangrango and Halimun Salak, Bogor.

DAS Micro-Development Model. To improve the Model Das Mikro (MDM) program, a number of activities were conducted including a location survey, socio-economic mapping of the community, and database training on tree planting. The survey for the MDM program was done in Desa Pasir Buncir Kecamatan Caringin and Wates Jaya Kecamatan Cigombong in the upstream area of the Ciliwung Watershed. This is one of several villages involved in the BPDAS Citaru-Ciliwung program that collaborates with ESP West Java in the community



Community discussed the Field School plans for the implementation of the DAS Micro Model in Buncir, Bogor.

capacity development program. This survey was conducted with the farmers group “Kelompok Tani Bersaudara Desa Pasir Buncir”, BPDAS and Dinas Kehutanan Kab Bogor. The results will be analyzed by the community to their recommendations will be key in providing feedback to help further improve the environment and socio-economic status of the community.

Clean, Green and Hygiene (CGH) Concept Training. Thirty men and women from Cinagra village management unit and the Posyandu from Bogor enthusiastically participated in the Clean, Green and Hygiene training. The

training topics focused on hygiene, fecal-oral transmission, hygienic behavior change (especially hand washing with soap) to reduce the prevalence of diarrhea, proper defecation using appropriate sanitation systems, and improved solid waste management. This group is not the spearhead for future CGH campaigns.

Community-based Sanitation and Solid Waste Management. In addition to the hygienic behavior campaign, ESP also facilitated community awareness concerning proper sanitation and improved solid waste management. In the sub-village of Cibeling in the village of Cinagara in Bogor, the community is constructing one public toilet and a septic tank with a capacity of 20 households. Furthermore, ESP facilitated proper solid waste management behavior using the 3-R concept.

SMALL GRANTS

Ten grant programs are currently undergoing implementation. They are successfully progressing in the four integrated sites while also supporting other strategic programs in their respective integrated sites. These programs are as follows:

- **Yayasan KAPAS.** In Cikidang, a Clean, Green and Hygiene program was implemented. Results of this program include: 1) 172 households have successfully started to separate solid waste from organic and non-organic waste at the household level; 2) the community has begun a re-greening program by planting coffee and orange trees; and 3) the hand washing with soap campaign is being conducted to target children under five, their mothers, and all children attending elementary school in Kampung Cireyod. Most women are involved in the Clean, Green and Hygiene program.
- **Yayasan Lestari.** Working in collaboration with Dinas Kehutanan Propinsi Jawa Barat, a workshop was conducted on “Strengthening the support for the implementation of the Cikapundung Sub-Watershed Action Plan”. This resulted in a clear commitment from all stakeholders to implement the action plan facilitated by PORTAB. These efforts manifested in the integrated management of an agroforestry activity in an 18 hectare enclave in the Cikapundung watershed involving Cibodas village administration, ex Enclave authorities, KMPL (Kelompok Masyarakat Peduli Lingkungan) Desa Cibodas/alumni Sekolah Lapangan, PORTAB, and Yayasan Lestari.

- **Yayasan Peduli Citarum (YPC).** As follow-up to the SLA in the two villages of Jayagiri and Cikole, YPC supports the planting of coffee and Sobsi trees totaling 26,000 seedlings. Land mapping is now being conducted for the future planting period and steps towards organization of the work will require negotiation with private land owners. ESP also offers support through activity monitoring and evaluation. YPC also completed a multi-stakeholder workshop at BPLHD to ratify the sub-sub-DAS Cigulung action plan and further improve the action plan as it will be included in the work plan of the Kabupaten Bandung Barat government.
- **Kelompok Kerja Peduli Air (K3A).** The second period of the CGH activity was structured in accordance with a schedule involving trainings in module development, module workshops, training to students, radio talk show, TV talk show, and media visits. Another important activity involved tree planting in Kampung Cicalung Desa Wangun Harja Lembang.
- **Yayasan Bina Sehat Sejahtera.** Part of the solid waste management activity involves regularly training the village community of Talaga in a recycling program emphasizing composting and the use of plastic waste in the creation of creative handicrafts. Roughly 30 community members participated in each activity, including both men and women. Waste separation is now done at the household level, reaches roughly 60 households (out of a total 100), and is routinely monitored by the village cadres. Every Friday is a regular self-help cleaning day.
- **Yayasan Humus.** Agroforestry trainings were implemented with farmers to tackle issues concerning the relationship between the farm and ecosystem. Farmers now understand concepts of mix-farming that are expected to improve the ecosystem. A meeting with the village government is in the works to request the ratification of the village act on spring protection. The implementation of Field Days, tackling issues of nursery development and solid waste management in Dermaga Village, Jalacagak and Cikujang were implemented successfully.
- **Yayasan Amerta.** Recently completed activities include: 1). Study on the endemic medical plant of Kumis Kucing (*Orthosipon arisatus*); 2). Nursery development for Kumis Kucing seedlings to be planted on 15 ha; 3). Capacity building for the farmers group of Kelompok Tani Harapan Maju (Ds. Ginanjar) and Kelompok Cilondong Jaya (Ds. Cihanjawan). These groups have legal status and a by law; 4). Planting of 2.500 trees in the village of Ginanjar; 5). Socialization of the village conservation model action plan on planting endemic medical plants. The action plan was signed by Camat Nagrak, Sukabumi, Kepala Desa Ginanjar, and Cihanjawan, TNGP and community leaders.
- **Jaringan Masyarakat Peduli Lingkungan Sub Das Cikundul (JAMPEDAS).** Planted trees are now monitored and tree labeling is completed for 45,000 trees. Data entries are done for 3,000 trees that were planted in the villages of Cipandawa, Sukatani, Cimaacan, Sindanglaya, and Sukanagalih. These 5 villages are located within the water catchment area of Sub-DAS Cikundul that are the source of water that flow to other villages down stream and Jakarta.
- **Forum Rehabilitasi Sungai Dan Hutan (FORESTA).** Sub DAS Cilaku is the water catchment area and the water source for PDAM Kabupaten Cianjur. To protect the catchment area, 90,000 trees have been planted by Foresta and the community. For maintenance purposes a number of activities have already been conducted: 1). Weeding of 33.418 trees; 2). Replacing roughly 21.159 trees; 3). Labeling of 16.000 trees; and 4). Data Base entry of 146.124 trees.

- **PB NU.** The pesantren-based village conservation model in Sukabumi has completed the following: 1). Halaqoh (workshop) Pondok pesantren of the whole District and Municipality of Sukabumi on the importance of conservation; 2). FGD as a follow-up to the Halaqoh; 3). TOT to 30 santri facilitators from 3 pesantrens; 4). Friday praying with the theme: “The importance of forest conservation”; 5). Planting of 400 trees in the village of Cikidang; and 6). The distribution of 250,000 Sengon seedlings to 47 sub-districts with in the District and Municipality of Sukabumi.

OTHER HIGHLIGHTS

Micro-Credit program: ESP West Java is working with BRI and BPRS on the micro-credit program and demonstrated tremendous success working with both banks. This quarter, ESP is working with PDAM Kota Bogor and BPRS to connect 137 PDAM Kota Bogor to new low-income customers. It is anticipated that this number will increase overtime.

Improving PDAMs performance: ESP West Java is facilitating a number of surveys and trainings to improve PDAM’s performance including: 1) A customer reclassification survey for PDAM Kabupaten Sukabumi and Kabupaten Subang; 2) A non-revenue water reduction survey with PDAM Kota Bandung; and 3) A zero consumption survey and motivation training with PDSAM Kabupaten Bandung.

In relation to the implementation of the latest Ministry of Finance Regulation (Peraturan Menteri Keuangan No. 120/PMK.05/2008) on debt restructuring for PDAMs, ESP is currently assisting 4 PDAMs in West Java, namely PDAM Kota Bandung, PDAM Kabupaten Purwakarta, PDAM Kabupaten Subang, and PDAM Kota Sukabumi in the preparation of their respective debt restructuring proposal (business plan). All those PDAMs have reconciled their debt in accordance to the new cut-off date: August 19, 2008. The business plan preparations for both PDAM Kabupaten Purwakarta and PDAM Kota Sukabumi are in their final stages prior to presentation to their respective Pemda and DPRD. Meanwhile, PDAM Kota Bandung and PDAM Kabupaten Subang still need to make several adjustments to their investment plans. Furthermore, PDAM Kota Bandung is adhering to its plan to accelerate its debt repayment. Pemda Kota Bandung has agreed to assist the PDAM by allocating roughly Rp 44 billion to cover all the principal payment in the first year.

Collaboration with other Donors: ESP also provided technical assistance to the ADB funded study LMFE UNPAD is implementing regarding raw water management of 4 PDAMs in the “Greater Bandung” area, including Kota and Kabupaten Bandung, Kabupaten Subang and Kabupaten Sumedang. The study is anticipated to improve effective institutional coordination for the management of raw water from Kabupaten Subang for the 4 PDAMs in “Greater Bandung”.



Map QPR 15 West Java - 2 Mini ESP update in Cikapundung Sub Watershed



Facilitated multi-stakeholder support towards the rehabilitation of the Cikapundung Sub-watershed with 1,000 guava trees, 10,000 seedlings of mahogany,

suren, avocado and jackfruit, 2,000 certified coffee plants and Rp. 10 million for the protection program of Cikareo spring



Facilitated multi-stakeholder workshop "Realization and Program Support to Cikapundung Sub-Watershed Action Plan" conducted by Yayasan Lestari and Dinas Kehutanan Jawa Barat and PORTAB



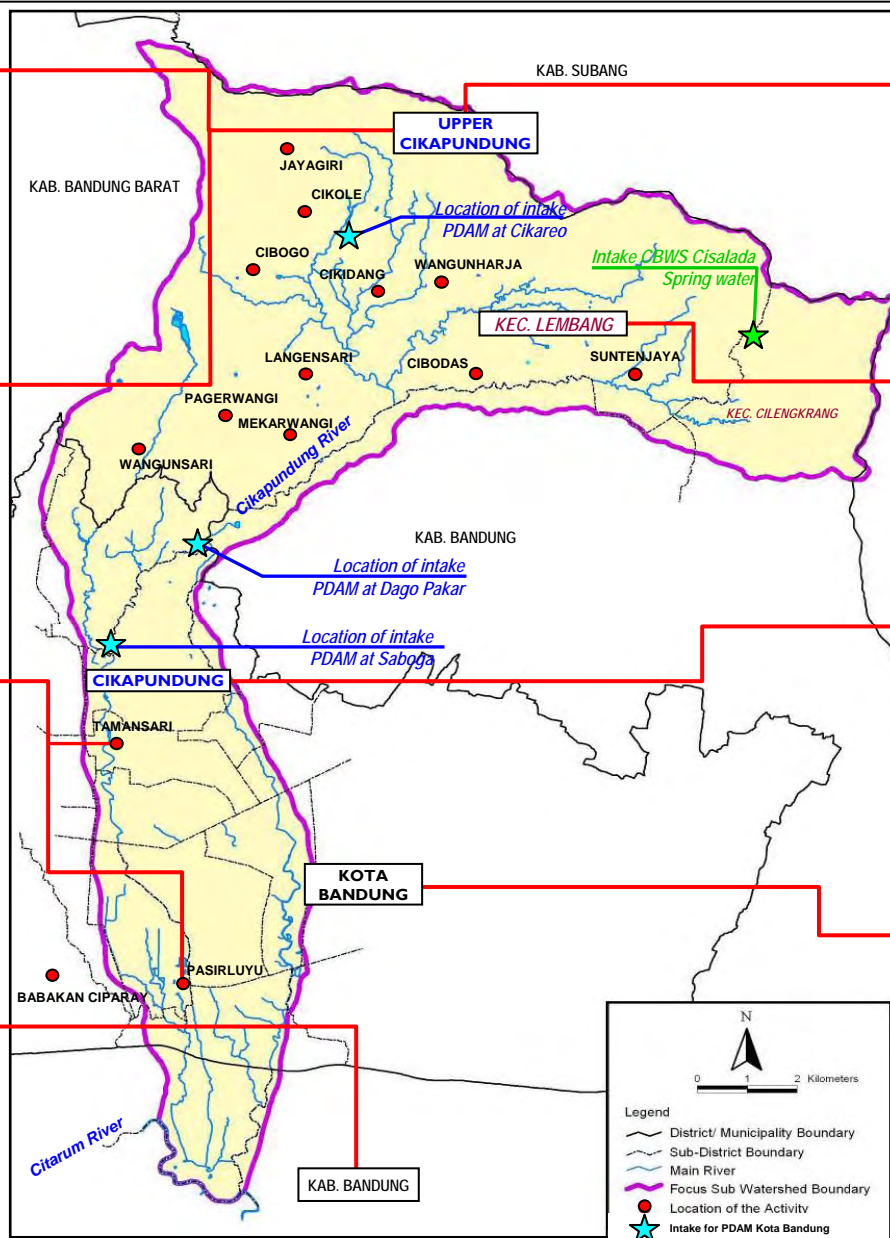
ESP and PDAM Kota Bandung work in collaboration in the construction of a communal septic tank with a capacity for 150 households in Kel. Pasirluyu and public

toilet, bath and laundry facility that serve 100 households in Tamansari



Declaration of "The Planting Habit Movement" by Minister of Agriculture at Cukanggenteng, Pasirjambu attended by PORTAB which is

facilitated by ESP & Indonesia Power to their experiences



Conducted facilitation a dialogue between communities from 10 villages of Lembang through an initial Workshop to bring together PERHUTANI and the community to discuss PERHUTANI Forest Management



Organization Management Training was conducted to staff from PORTAB by ESP collaborated with Yayasan Peduli Citarum (YPC) and Yayasan Lestari



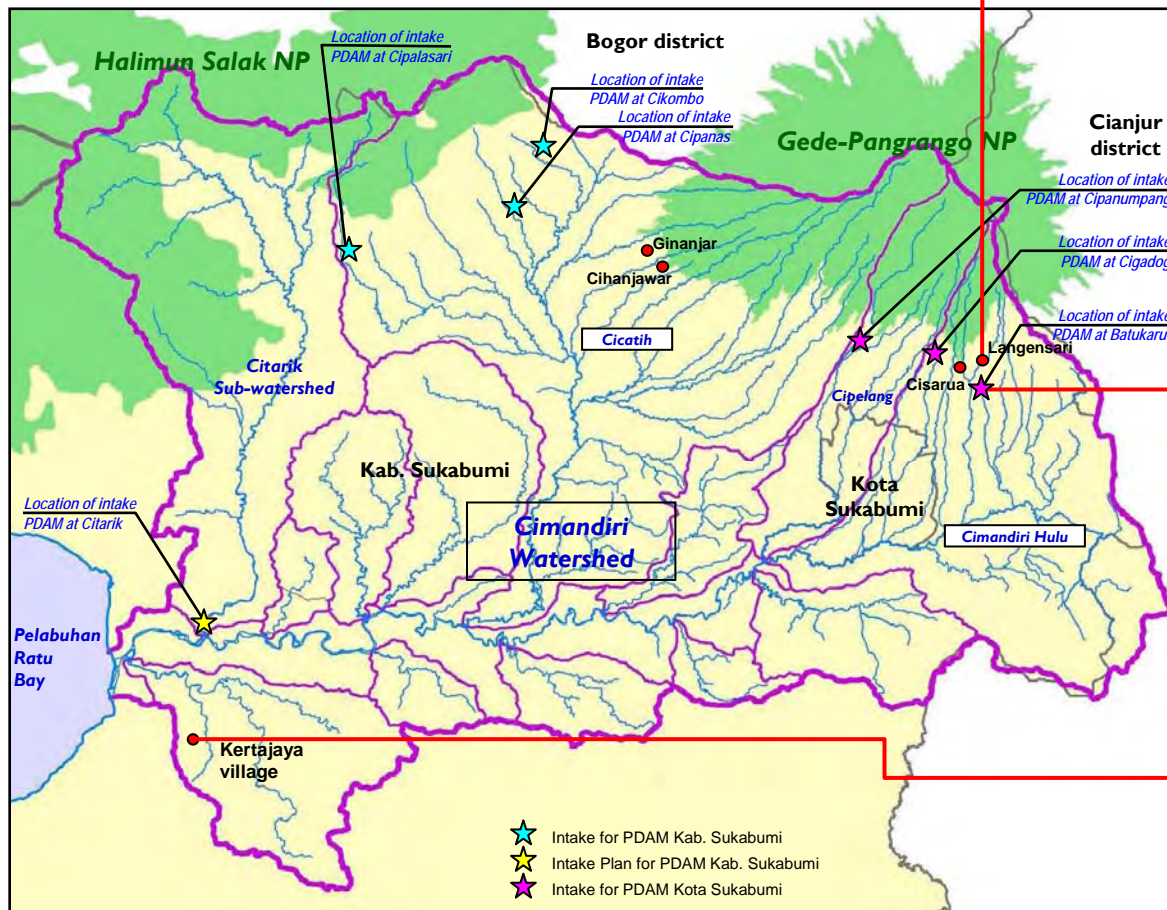
Global Hand Washing Day. Working in collaboration with Aman Tirta and K3A, ESP commemorate the Global Hand Washing Day at SD Pertiwi and SD Neglasari.



MMC with theme "Water Health Environment Link: Celebrating a Local Champion" was conducted with the collaboration of Kelompok Kerja

Komunikasi Air, K3A, Badan Pengelola Lingkungan Hidup Jawa Barat (BPLHD prov. Jabar), Dinas Kesehatan Provinsi Jabar and a sociologist from Universitas Padjadjaran with a total of 50 journalist and environmental activists.

Map QPR 15 West Java - 3 Blue Thread Strategy Update for Sukabumi / Cimandiri Watershed



Triggered by the poor environmental condition of the village of Langensari, two Elementary and one Madrasah schools agreed to teach their student in clean, green, and hygiene behavior change and include these in the school curriculum



The Study on artificial infiltration well to protect Batukarut spring was done together with Lembaga Raptor Conservation Society (RCS), PDAM Kota Sukabumi and Kelompok Tani Lestari Batukarut, the village of Langensari



In regard to the protection of the Batukarut Spring, ESP work in collaboration with stakeholders to various of activities, are; an environmental analysis, establishment of the Perdes, protection of Cimuncang sub-sub watershed, a workshop to draft a strategic action plan, an establishment of the "Forum Peduli Mata Air Batukarut" and installation of the artificial infiltration wells



Water Saving field school has been conducted to reduce the conflict that arises among the PDAM and farmers living at the downstream area of the Batukarut Spring

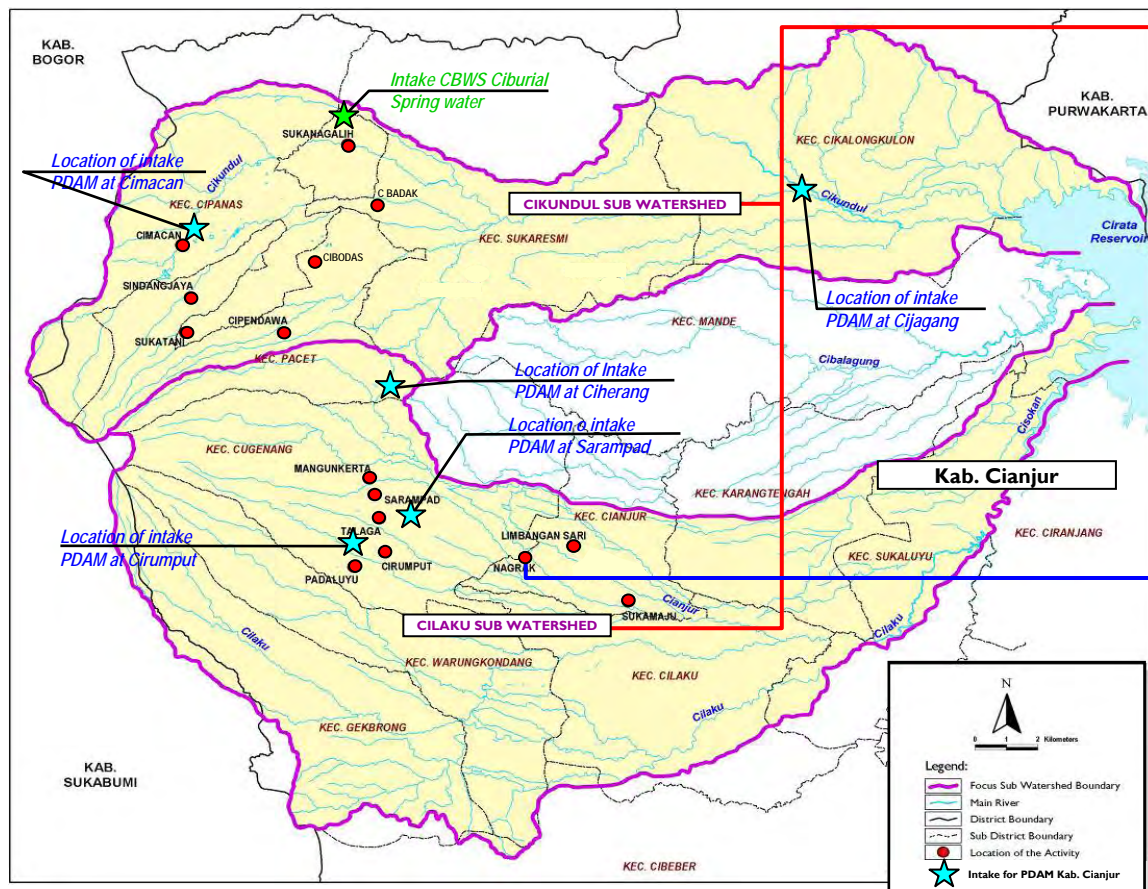


22 toilets were constructed to be used by approximately 300 people by community themselves as result of Community Led Total Sanitation (CLTS) training program



ESP working in collaboration with VNG International, a Dutch based NGO, to construct a water distribution system in 3 hamlets in Sukabumi, are Cisantri, Citemen, and Cijangkar to serve 185 houses or 930 people and will be fully operational in January 2009

Map QPR 15 West Java - 4 Blue Thread Strategy update for Cikundul – Cilaku Sub Watersheds



and agreed a 5 year (2008 – 2012) participatory land and forest rehabilitation action plan.



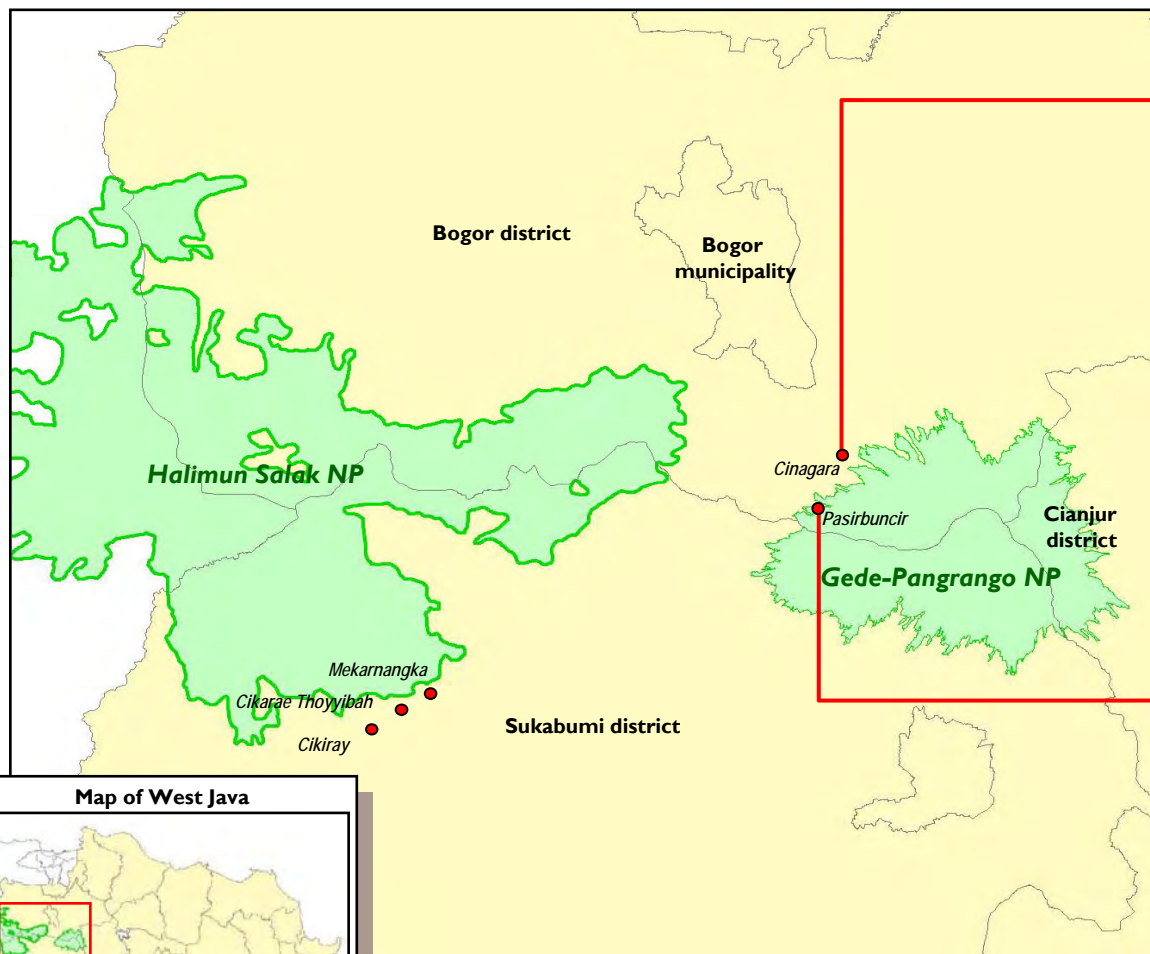
To continue with the participatory land and forest rehabilitation program at villages of Sukaresmi and Cikanyere, a number of farmers group who are concern with the program created an independent farmer group called “Komunitas Peduli Alam Sustainable (KOMPAS)”. KOMPAS has formulated

There are a number of community groups in the Village of Sukatani agreed to form a working group by the name of “Abdi Lingkung” with the objective is to establish an environmentally friendly agroforestry program and collaborate with all stakeholders domicile in the area



Facilitated clean, green, and hygiene concept at schools of SD Salahuni and SD Wargasari assuring that the clean behavior of hand washing with soap, solid waste management and environmental conservation

Map QPR 15 West Java - 5 Think National, Act Locally' Strategy Update for Gede-Pangrango National Park and Halimun-Salak National Park Corridor



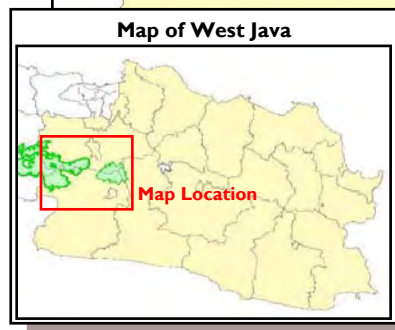
Thirty (30) men and women from the Cinagara village management unit and posyandu from Bogor are participate in the clean, green and hygiene training among others about the topics on clean concept, fecal-oral transmission, and the clean behavior particularly the hand washing with soap concept to reduce the transmission of bacterly or virus to the human body through the mouth, proper defecation in appropriate sanitation systems, and improved solid waste management



Facilitated the community to understand better about proper sanitation and improved solid waste management for the community of the sub-village of Cibeling, the community is constructing one public toilet and a septic tank with a capacity of 20 households. Furthermore, ESP the community to also conduct the proper solid waste management using the 3-R concept



In collaboration with BPDAS Citarum-Ciliwung, Dinas Kehutanan Kab. Bogor and BPDAS Citaru-Ciliwung conducted field survey on bio-physical and socio-economic condition of Upper Ciliwung watershed. Futhermore, ESP will facilitate the community to analys of the survey result to make their own recommendation on what kind of actions that are needed for socio-economic and environmental improvement



Map QPR 15 West Java – 6 PDAM Programs and Water Utility Sector Update in West Java Region



PDAM KAB. SUBANG.

Facilitated PDAM and BRI to implement micro-credit program to increase access of clean water to the poor in the area of Subang and Pamanukan. Other activity is rovided assistance in a customer tariff reclassification survey that involved 6,000 customers



PDAM KOTA BANDUNG

Assisted PDAM on the finalisation of debt-rescheduling of Rp.335 billion that has already been cleared by the government of the Bandung Municipality and the Parliament and submitted to the Department of Finance. ESP also assisted in non-revenue-water program through a performance based contract with a third party



PDAM KAB. BANDUNG

Assisted PDAM with a zero consumption survey involving 1,900 customers in Cimahi and a motivation training to the PDAM personnel to improve their work performance



PDAM KOTA SUKABUMI

Facilitated PDAM and BRI to implement micro credit program for the poor to connect their houses with clean water supply from PDAM Kota Sukabumi.



PDAM KAB. SUKABUMI

Facilitated to PDAM and DPD Perpamsi Jawa Barat to implement program on reducing non-revenue-water for 300 costumers of Cibadak branch



JAMPEDAS Planted trees are now monitored and tree labeling is completed for 45,000 trees. Data entries are done for 3,000 trees that were planted in the villages of Cipandawa, Sukatani, Cimacan, Sindanglaya, and Sukanagalih.



Yayasan Amerta completed their activities, are; Study on the endemic medical plant of *Orthosipon arisatus* including Nursery development for Kumis Kucing seedlings to be planted on 15 ha; Capacity building to the farmers group of Harapan Maju (Ds. Ginanjar) and Cilondong

Jaya (Ds. Cihanjavar); Planting of 2.500 trees in the village of Ginanjar and Socialization and singing of the village conservation model action plan

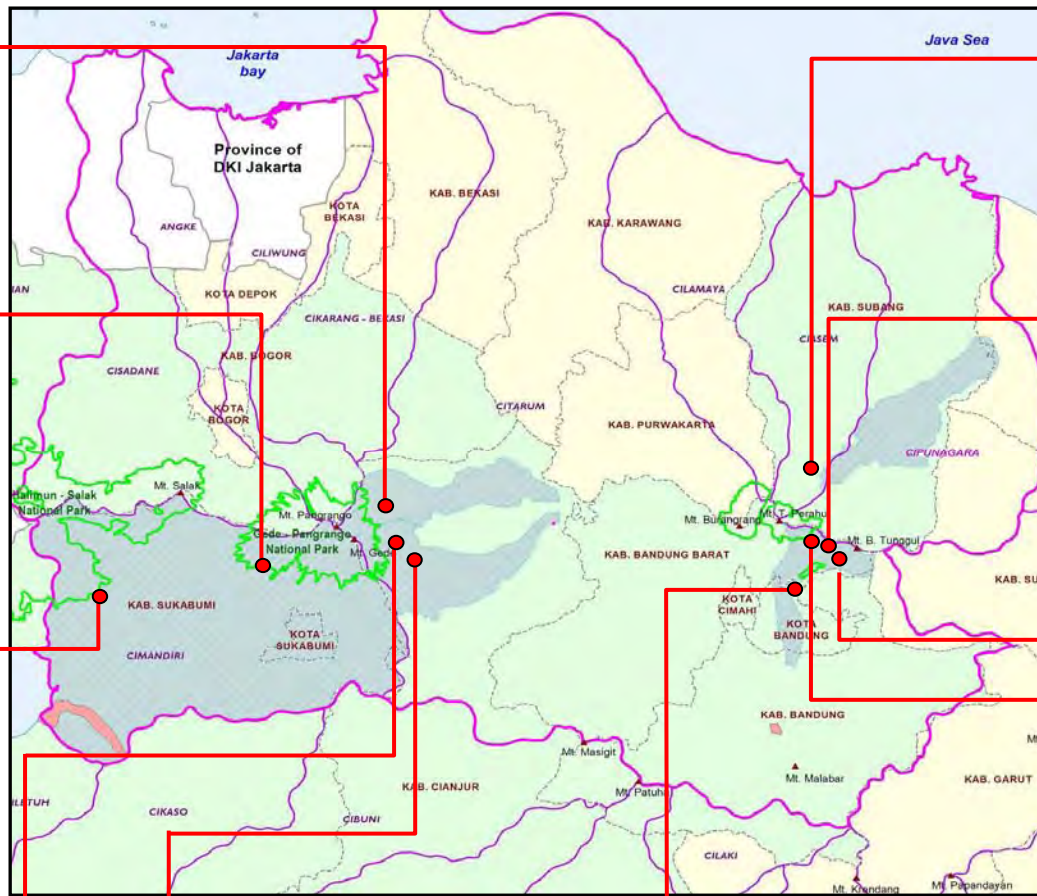


GNKL PBNU FORESTA
Completed the program of pesantren based village conservation model in Kec. Cikidang, Sukabumi.

with the following activities: Halaqoh follow up with FGD as a follow up of the Halaqoh; TOT to 30 santri facilitators; Friday praying on forest conservation subject; Planted 400 trees and distributed of 250,000 Sengon seedlings



FORESTA and community planted 90,000 trees. For maintenance, a number of activities have already been conducted, such as, Weeding of 33.418 trees; 21.159 dead trees; Labeling of 16.000 trees; and Data Base entry of 146.124 trees.



Yayasan Bina Sehat Sejahtera, The recycle program into kompos and handicrafts are regularly trained to community in the village of Talaga, Cianjur. Each activity is participated by

30 members. The waste separation activity is now done by 60 households and routinely monitored by the village cadres.



Kelompok Kerja Komunikasi Air (K3A),
The 2nd period of CGH activity is done according to schedule involving training in module development, workshop on the

module, training to students and radio talkshow and TV talkshow and media visits. Another activity is the tree planting in Kampung Cicalung Desa Wangun Harja Lembang



Yayasan Humus
Facilitated the community to implementation of the field day in Dermaga Village, Jalacagak and Cikujang mainly on

the issues of nursery development and solid waste management was implemented successfully.



Yayasan KAPAS, 172 households started separate solid waste program at household level and the community has made a re-greening program

through coffee and orange trees planting. In addition, the hwws campaign is conducted targeting children under five, their mothers and all the children at the elementary schools in Kampung Cireyod, Cikidang village



Yayasan Lestari In
collaboration with Din
Kehutanan Provinsi,
conducted “
Strengthening
Implementation
Support Towards the
Cikapundung

Sub-Watershed Action Plan". With the realization agroforestry activity for 18 hectare enclave in the Cikapundung watershed involving Cibodas village administration, ex Enclave authorities, KMPL Desa Cibodas, PORTAB, and Yayasan Lestari



Yayasan Peduli Citarum supported planting of coffee and Sobsi trees totaling 26,000 seedlings and conducted Land mapping for future

planting period and steps to organize the work including negotiation with private land owners, those two activities is follow-up action of field school

SECTION 2.5.

CENTRAL JAVA AND YOGYAKARTA

INTRODUCTION

ESP Takes an Active Role in Sustainable Watershed Management

One of the points stipulated in the Year 2008-2009 Economic Program Focus of the Presidential Instruction (INPRES) was the policy on Land Rehabilitation for Natural Resources, Agriculture and Environmental development. The watershed area rehabilitation program, which serves as one of the instruments to implementing the above policy, formulates one of the actions in the form of Integrated Watershed Management Pilot Project Implementation in Keduang Sub-Watershed of Wonogiri District, Central Java. “The Micro DAS Model” was selected as the approach in implementing the program.

ESP participates in the program design process and is a member of the Watershed Management working group at the national level. ESP’s technical tools for integrated watershed management (including Development Pathway, Field School, WSM Plan, and WSM Forum) are used as references in selecting target locations and in the community empowerment processes. ESP’s success in capacity building and improving community’s participation is being currently tested and evaluated to see whether it can be implemented in Keduang Sub-watershed, an area often categorized as Indonesia’s most critical watershed area. ESP responds to the community efficiently due to the sufficient amount of trust and support granted by the community.



ESP CENTRAL JAVA & YOGYAKARTA

“I hope that ESP’s role in improving the community’s participation to manage Sub-DAS Keduang can be used as the basis of activity development by other parties”, says Pak Idi, DAS-Solo officer when he attended the field survey together with ESP.

Supported by the ESP National WSM team, the Central Java Region WSM team conducted field survey in Jlegong Sub-sub DAS area. The area has been stipulated by Solo Watershed Management Office (Balai Pengelolaan DAS Solo) as the pilot location for the Micro DAS Model development. In addition to direct observation on the hydrology condition, the survey team also conducts consultation with the village leader and community members as well as performs coordination with the related institutions. At the program preparation phase, ESP conducts Training of Trainer and Program Orientation Meetings. Participated by 16 community representatives from four villages and field workers, the training is aimed at forming work groups at field level. On the last day of the training, a workshop on program orientation is carried out. The orientation is considered the first step in initiating a multi-party forum for Micro DAS Model Development.

Key event and achievements during the quarter include:

- **Assessing the Operational Level of WSM Plan.** Since it is composed of community members through a problem assessment process, the WSM Plan can be appropriately implemented. Nevertheless, the capacity acquired and support received has caused a failure in the implementation of the work plan. Based on the facts found in the field, five DAS manager community forums in Magelang District collaboratively assessed the implementation level of their WSM Plan documents. WSM Plan Evaluation Workshop was held in Borobudur Temple Complex, on November 27-27, 2008 to formulate entry points in updating and improving the WSM Plan.
- **Clean Water and Environmental Health Advocacy Training for Media Workers.** Through Multimedia Campaign activities, ESP encourages media workers to voice clean water problems faced by the community while simultaneously conducting awareness raising activities with regard to sanitation systems and city greening. The Sanitation and Environment Advocacy Training for media workers has received very positive responses from media both at the regional and national level. Discussions held in Solo on December 12-14, 2008 emphasized environmental health in watershed areas. The focus of this discussion serves as the topic for the media workers' articles in voicing their opinions with regards to community health issues.
- **Developing a Clean Kampong after Clean Water Service is provided** The Master Meter program in Gabudan Kampong, Surakarta, was followed-up by carrying out Operation and Maintenance of Water Distribution System Training. 22 families that receive quality clean water services are encouraged to develop a collaborative management system to maintain service sustainability. In addition, ESP introduced the Clean, Green and Hygiene (CHG) model as a way to support the establishment of a community-based sanitation management system. The behavior change learning process is carried out by using a field school approach through the phases of participatory planning, pilot action and follow-up activities.

INTEGRATED SITES UPDATE

The Mini-ESP Strategy for Sub-DAS Bolong

Integrated Action to Save Water Source

The community of Telomoyo Mountain celebrated 'Tree Day' by planting 55,000 seed trees of various species. Aside from the Village Seed Garden (Field School), the Agriculture and Forestry Office provides seeds for the community. More than 300 people participated in the opening ceremony called "PekanTelomoyo Menanam" ("The Planting Week for Telomoyo"). The occasion is held in Seloprojo village of Grabag sub-district, Magelang district. The tree planting activity is a part of the Water Source Protection (Perisai) program in Sub-DAS Bolong area. The "Mentari" community forum responds to



ESP CENTRAL JAVA & YOGYAKARTA

"Thank you ESP. In addition to the training, the communal water tap construction is very useful for community members in my village", says Pak Mukidin the Head Village of Ngrancah, Grabag, Magelang Sub-District during the opening ceremony of the communal water.

the community's complaints over further limited water volume outputs by conducting assessments and water catchment capacity improvement activities. Working together with ESP, community members conduct hydrogeology surveys, zone formation, and initial information dissemination on infiltration well (sumur resapan) construction in Tlogorejo, Gedad and the surrounding water catchments areas. The information dissemination activities received positive responses from both local government and community members. The Magelang District Water Source Conservation Team expresses their intention to adopt and replicate the abovementioned model.

Other key activities in Bolong Sub-watershed include:

- **20 communal water taps flow to serve community members in four villages:** The learning process performed by ESP in collaboration with local NGO (LP3D) has succeeded in raising the community's awareness over clean water management issues. Community members enthusiastically discussed clean water issues following the management they previously conducted. ESP's stimulants provided in the pilot action initiated a response by 4 village administrations which are providing shared funds to install a pipeline system and 20 communal water tap points. They also established 'Tirta Husada' cooperative to manage the clean water distribution system.
- **Developing a Clean and Healthy Lifestyle after Acquiring Clean Water Service:** Being satisfied with the clean water service, community members are enthusiastic in becoming involved in the clean and healthy lifestyle (PHBS) program meeting. One of the results of the meeting is the stakeholders' (sub-district government including PKK group, village administration, and Posyandu cadre) commitment to being actively involved in PHBS campaigns. To safeguard their commitment, ESP holds PHBS Communication basic trainings for Posyandu cadres in four villages (Ngrancah, Losari, Banjarsari dan Kalipucang).



ESP CENTRAL JAVA & YOGYAKARTA

"I am so happy that I can plant trees together with my friends. The event of environment introduction before we plant the trees was very lively", says Atik, a student of Seloprojo Elementary School who, together with her 60 friends, actively involved in the "Pekan Telomoyo Menanam" event.

The Blue Thread Strategy for Sub-DAS Soti

The Community Works Hands-on to Conserve Merbabu Mountain

The Sub-DAS Soti community forum of "GASPARI" is conducting intimate and dedicated work to conserve Merbabu Mountain. 170 alumnae of the Field School who also partake as forum members are actively involved in the planting of 35,000 trees. The trees originated from their village's seedling area. The border of the 140 ha national parks, which encompasses six villages, becomes the community members' arena of planting. In addition to the conditional activity, they also conduct formal and sustainable programs. Pogalan and Wulungagung villages include their conservation activity into their villages' Midterm Development Plan (RJPM Desa). Banyusidi village formalizes its conservation activities in the form of a "Conservation Village Model". The activity is aimed at maintaining the sustainability of the conservation program in a village development pattern.

Other activities in Soti Sub-watershed include:

- **Healthy Lifestyle is Developed as School Habit:** The teachers and students of Kaponan Elementary School have accustomed themselves to using ESP-established school sanitation infrastructure. They also actively disseminated and implemented the clean and healthy lifestyle model both at school and in the surrounding community. The students appear proud to be clean at school after developing the habit of regularly bathing before school. With support from the teachers, the students have also developed the habit of washing hands with soap. The school has demonstrated these activities have developed into school habits.
- **Bamboo trees are well grown, community makes company contracts:** The community of Jambewangi village is taking serious steps in managing their bamboo trees after the initiation of a contract with Sahabat Bambu Company to buy and sell their bamboo. The company, which operates its business by providing processed bamboo for construction material, sets a very high standard for bamboo quality supply. The aforementioned contract encourages community members to intensively manage their bamboo trees and harvest them in a sustainable way.

The Blue Thread Strategy for Sub-DAS Hilir (Sleman)

Water Ritual and Hand Washing with Soap Campaign

Sleman community still adheres strongly to their traditional practices and traditions including the “Ritual Air” (Water Ritual). ESP uses this traditional concern for water to their advantage to further promote the importance of healthy lifestyles. At the Health Festival event, ESP showcased the ceremony of water source preservation, performed by a local artist groups, in the opening ceremony of the Global Hand Washing with Soap Day. SD Negeri Mandungan, Desa Margoluwih, in Seyegan, Sleman hosted the lively festival which was attended by an audience of approximately 500. 300 students from seven elementary schools participated in various games concerning water and healthy lifestyles, while 70 community members from various backgrounds actively took part in a discussion. The discussion focused on health and was held in a ‘Joglo’ building located in the middle of a rice field. Packaged in a Javanese village style, the health festival serves a perfect occasion for media workers to voice the movement of clean and healthy lifestyle while paying respect to the community’s lively traditions.



ESP CENTRAL JAVA & YOGYAKARTA

“It is very smart of ESP to perform the hand washing with soap campaign in relation to a cultural event; it is a very interesting activity and surely attracts many people to come”, says Bu. Drg. Infriyati, Y, M.kes, the Head of Selman Sub-District Health Office.

Other activities in Sleman include:

- **Healthy Sleman Sub-District Program:** The increasing number of community groups implementing the clean and green area program has encouraged the Sleman Sub-District government to initiate a forum of Kabupaten Sleman Sehat (Healthy Sleman Sub-District). Several experts and practitioners from various backgrounds, such as academics, business sector and civil society, are invited to become members of this forum. Recognized as the developer of the Clean Green and Healthy Model

program, ESP has been invited to become both a member and a key organization for the of clean and healthy lifestyle movement.

- **Desa Girikerto Field School participants conduct conservation promotion through traditional Kethoprak Play:** The “Merti Desa” ritual regularly held by Girikerto village community stipulates the theme of “Lestari Alam Merapi” (Merapi Nature Preservation) for this year. Performing various art and cultural performances, the festival attracts 600 attendants residing around Merapi Mountain. ESP’s field school participants use this festivity to perform a conservation campaign packaged in a traditional play of Kethoprak.

Clean, Green, and Hygiene

Sanitation Promotion using Slick Report and Documentary Movie: The Yogyakarta City Government Sanitation working group has compiled two documents, a strategic and an action plan, for the city sanitation program. ESP is following up the initiative to raise community awareness on sanitation issues by establishing these two communication tools. However, both documents are considered rather insufficient for use as dissemination materials to the community due to their technical nature. ESP recognizes the need for simpler communicative tools to help garner community support and feedback. For example, the strategic and action plans are compiled and formulated in a more popular “slick report” format, designed in accordance to Yogyakarta’s culture and style. ESP also made a documentary movie on sanitation issues describing the problems faced by the community and efforts made by the government as well as Kota Yogyakarta’s vision on sanitation issues. Both communication tools have been agreed upon by the work group to be used as the promotional tool for “Yogya-ku Bersih dan Hijau” (My Clean and Green Yogya). The group appreciated ESP for its strategic contribution as an effort to receive support from the stakeholders.



ESP CENTRAL JAVA & YOGYAKARTA

“I would like to convey my gratitude to ESP for assisting the community and government of Kota Yogyakarta in developing sanitation”, says Pak Haryadi the Mayor of Yogyakarta when interviewed during the making of Kota Yogyakarta Sanitation documentary movie.

Other activities in Yogyakarta include:

- **Clean and Green Lifestyle Promotion through Youth Radio:** As a student city, youth activities are relatively higher in Yogyakarta compared to other cities in Indonesia. ESP sets its target on Yogyakarta’s dynamic youthful

lifestyle when preparing community activities and campaigns for clean and green lifestyle. Segmented for young listeners, Unisi and Sonora radio stations are selected as the prime communication media. The youngster dialog program aired by the stations has received positive responses from the community.

- **The government improves the IPAL after the community is empowered:** The community action plan resulting from the field school process received a positive response from Yogyakarta City government. The government followed up two of the six community groups involved in the empowerment of sanitation management by improving the communal IPAL and extending the pipeline system.

The Bottom-up pattern developed by ESP is effective in developing government-community collaboration in the development process.

PDAM SECTOR

- **Kota Yogyakarta PDAM:** The Corporate Plan document compilation process is at the last phase at the moment. The program plan for the respective work fields, including their budget, has been compiled in detail. The financial project for the next five years has also been formulized.
- **Kota Surakarta PDAM:** ESP facilitates the process of Business Plan Document compilation as a replacement of the RKPP (Company Financial Recovery Plan Document). This document is compiled as a requirement for PDAM's debt restructurization as stated in the Financial Department's policy. The next process is to develop the PDAM and City Government's commitment to settling their debts to the Financial Department.
- **Kota Magelang PDAM:** The collaboration between ESP, ETC Netherland and Tirtawiyata Technical Academy in reducing water loss has entered the second phase. In this phase a cost-benefit analysis is conducted in the effort to reduce water loss. The second phase is actually a new method and contains the most interesting material in the final workshop.
- **Sub-District Magelang PDAM:** Clarification on the importance of spreading-basin in the effort to catch water conducted by ESP is highly appreciated by the local PDAM. PDAM expresses its interest to implement the spreading-basin concept as one of its efforts in maintaining its water sources' capacity and sustainability.
- **Sub-District Temanggung PDAM:** The Standard Operation Procedure has been compiled and disseminated to all PDAM staff and the Supervising Body (Badan Pengawas). As agreed upon by all components, PDAM implements the work procedures and develops it in accordance to the business dynamics.

SMALL GRANT PROGRAM

This quarter, the activities of ESP's five small grants were implemented as follows:

- **Yayasan Kuncup Mekar:** The "Dewa Ruci" community forum of Sub-DAS Kanci, Magelang Sub-District, sets a WSM Plan as guidance for the conservation activities in six villages located at the Southeast slope of Sumbing Mountain.
- **Yayasan Lestari:** Through the small grant fund, Kota Yogyakarta Development Budget and the community's own fund, the Yayasan has succeeded in assisting 99 families in obtaining sanitation services. In addition, 150 families are actively managing their domestic waste after contact with a company that buys various souvenirs made of organic waste materials.
- **Yayasan Hijau:** A workshop on CHG School Evaluation was held to formulize a self-sufficient follow-up activity the school is capable of performing. As the final activity of the small grant program, the workshop is aimed at building a network between schools to develop the CHG School model.
- **Yayasan Kanopi:** The Yayasan is making an effort to facilitate the problem of sand mining activities practiced in the West slope area of Merapi Mountain by performing conservation campaigns. The campaign targets young people, especially students, to raise awareness on environmental and health impacts as a result of the sand mining activities.

- **Lembaga Pengkajian dan Pendampingan Pembanguna Desa (LP3D):** After completing its work in building 20 communal water tabs, LP3D is facilitating the formation of “Tirta Husada” cooperative to manage clean water distribution systems in four villages.

NATIONAL PROGRAM COLLABORATION

- **120 people were involved in the compilation of Sub-DAS Jelenggong management planning:** ESP Field Schools in four villages received positive responses from the community and local government organizations. 120 people participated in the village action plan making process through weekly meetings. The administrators of Gamawang, Semin, Ngadipiro and Sembukan villages are also involved in the Sustainable Livelihood Assessment used as the method in this activity.
- **240 thousand avocado and cacao seeds to reforest the Northern slope of Merbabu Mountain:** Acquired from the Agriculture Department’s social funds, the seeds are planted in eight program location villages. The activity is aimed at enriching tree species in the 900ha area of Merbabu Mountain slope. Through collaboration with ESP, the local community is also developing a village seedling area to provide seeds originating from superior local plants.

Ikhsan: Environmental Fighter from Telomoyo Mountain



ESP CENTRAL JAVA & YOGYAKARTA

Ikhsan is the initiator and administrator of the “Pekan Telomoyo Menanam”.

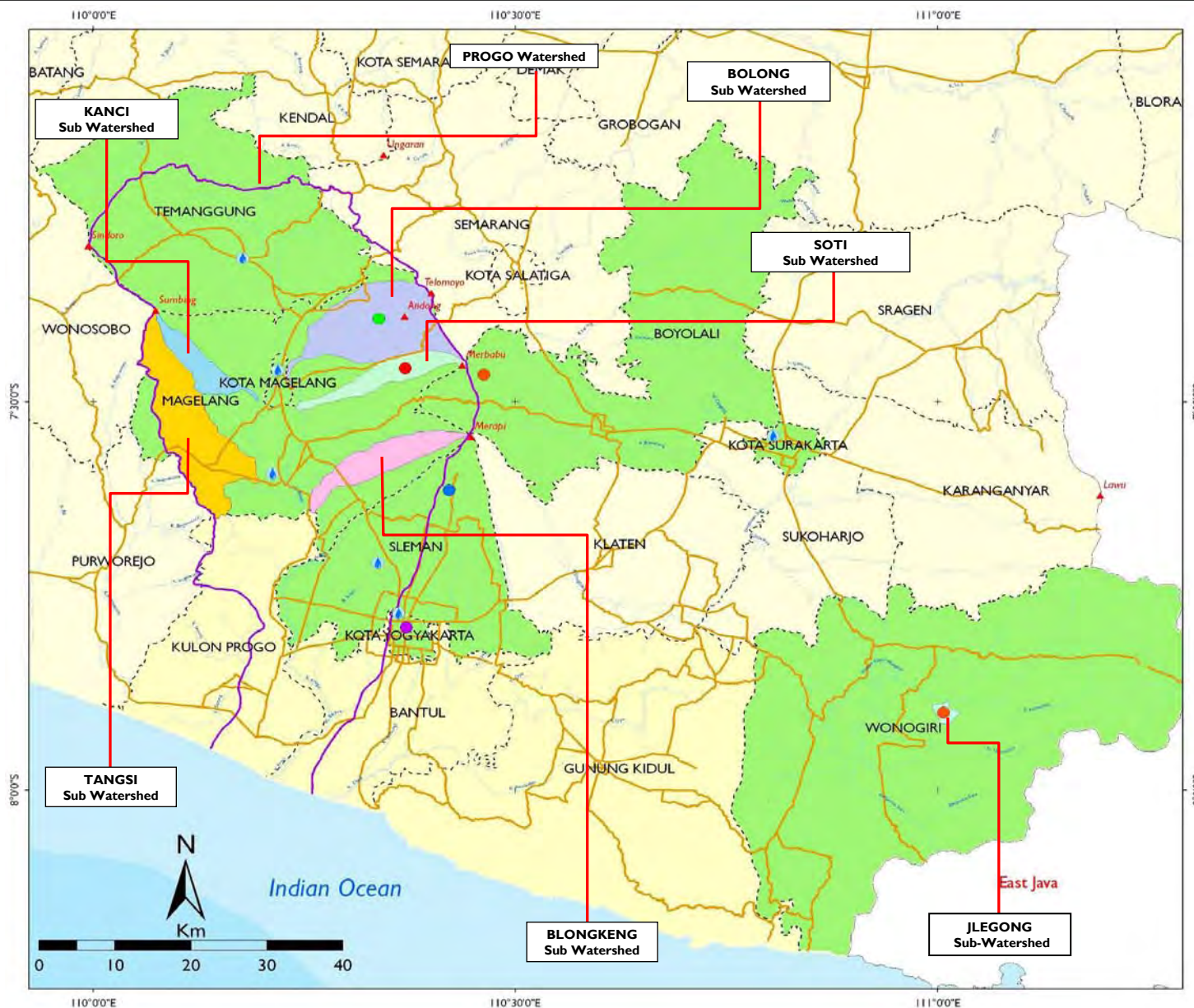
“The approach and method ESP uses in empowering the community to manage the environment has a very strong foundation and is very systematic”, says Ikhsan Rumadi one of the village guides in SUB-DAS Bolong Magelang Sub-District. The 35 year old single man is well known in the area as a village motivator. Born in Seloprojo village in the South slope of Telomoyo Mountain, Ikhsan is now a member of Lembaga Masyarakat Desa Hutan (Village and Forest Community Institution). He also acts as a mediator between community members and the government or on behalf of other party’s initiatives.

Ikhsan is the initiator and administrator of the “Pekan Telomoyo Menanam” (Telomoyo Week for Planting) event. Ikhsan initiated the event due to the decreasing volume output of water and the diminishing agricultural area. The above situation encourages Ikhsan to perform a water source protection effort. As the secretary of “MENTARI” community forum, he works together with many parties to set up water source protection programs called “PERISAI”. In addition to the description of reforestation in the water catchment area and spreading-basin construction, this

document also records the community action plan to improve livelihoods based on area and forest management.

“The understanding on environmental conservation is very important for the community, but we also need to provide solutions for the community in improving their livelihood so that it won’t destroy the environment. This is an important aspect that we need to take into account,” says Ikhsan when explaining PERISAI program in front of government organizations and other community forums. Ikhsan has a burning desire to empower the community although he receives very little support. Ikhsan believes in the *working-for-small-things-to-achieve-bigger-things philosophy*, and he implements the philosophy in all of his works and activities.

Map QPR 15 Central Java - I Location of ESP Integration Approach for Central Java & Yogyakarta Regions

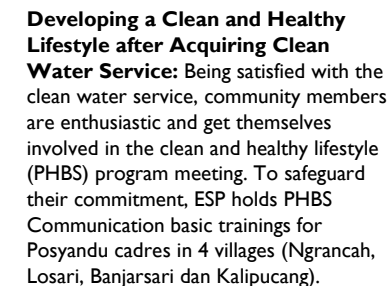


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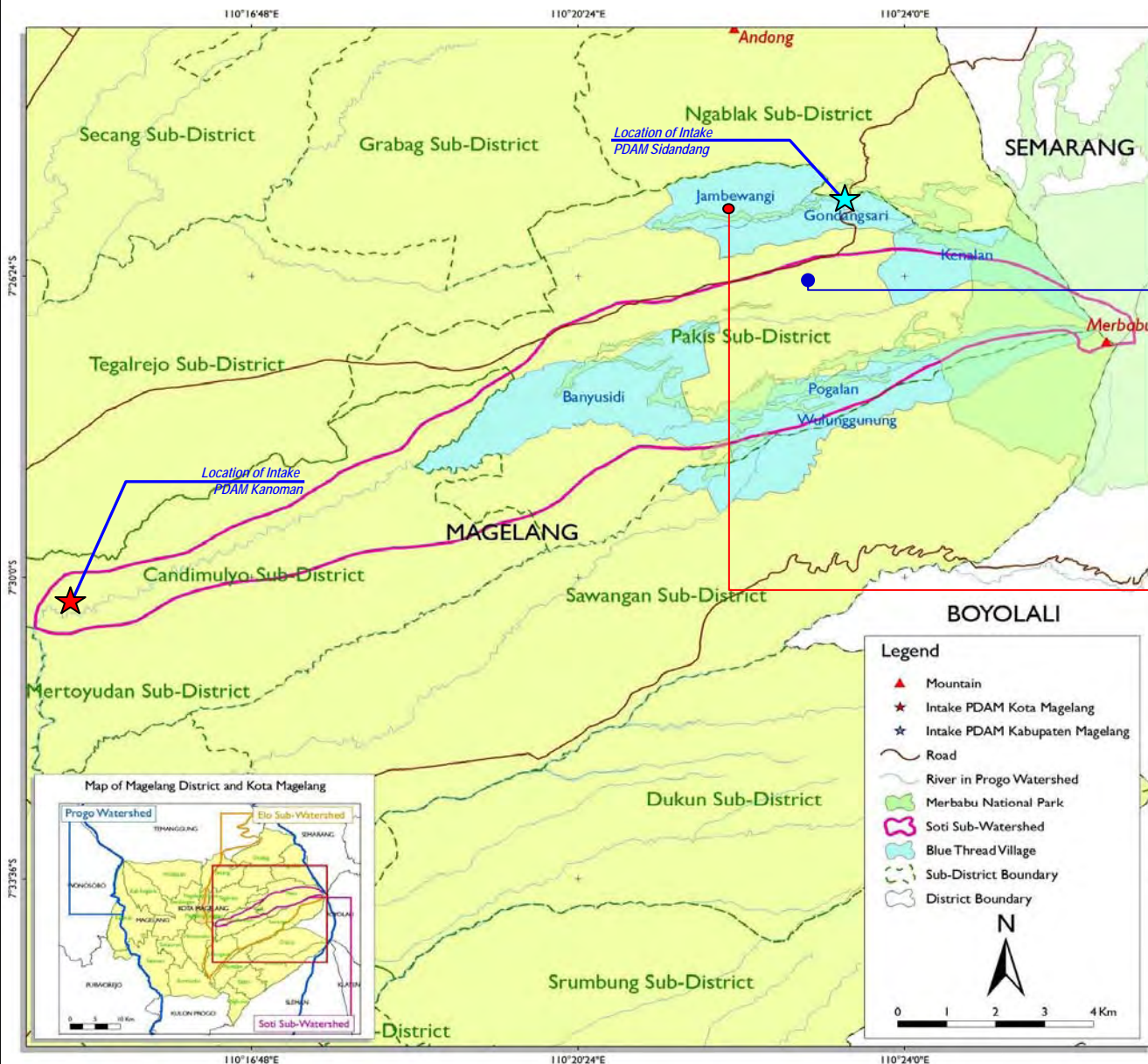
- ▲ Mountain
- Primary Road
- River
- Progo Watershed Boundary
- District Boundary
- Priority District for ESP Activity
 - Kota Magelang
 - Kota Surakarta
 - Kota Yogyakarta
 - Magelang
 - Sleman
 - Temanggung
 - Boyolali
 - Wonogiri
- Focus Area for Integrated Sites and Strategies, FY 2009
 - Mini ESP in Bolong Sub Watershed
 - Blue Thread in Soti Sub Watershed
 - Blue Thread in Progo Hilir Sub Watershed
 - Clean, Green and Hygiene in Yogyakarta City
 - Collaboration Site Activities
 - PDAM Technical Assistance
 1. Kabupaten Temanggung
 2. Kabupaten Magelang
 3. Kota Magelang
 4. Kabupaten Sleman
 5. Kota Yogyakarta
 6. Kota Surakarta

Map of Indonesia





Map QPR 15 Central Java - 3 Blue Thread Strategy Update for Soti Sub-watershed



Healthy Lifestyle is Developed to School Habit: The teachers and students of Kaponan Elementary School have accustomed themselves in using ESP-established school sanitation infrastructure. They also actively disseminate and implement clean and healthy lifestyle both at school and in the surrounding community. The students appear clean at school after they develop the habit of taking a bath before they go to school. Supporting by the teachers, the students have also develop the habit of washing hands with soap. The activity has developed to school habit.

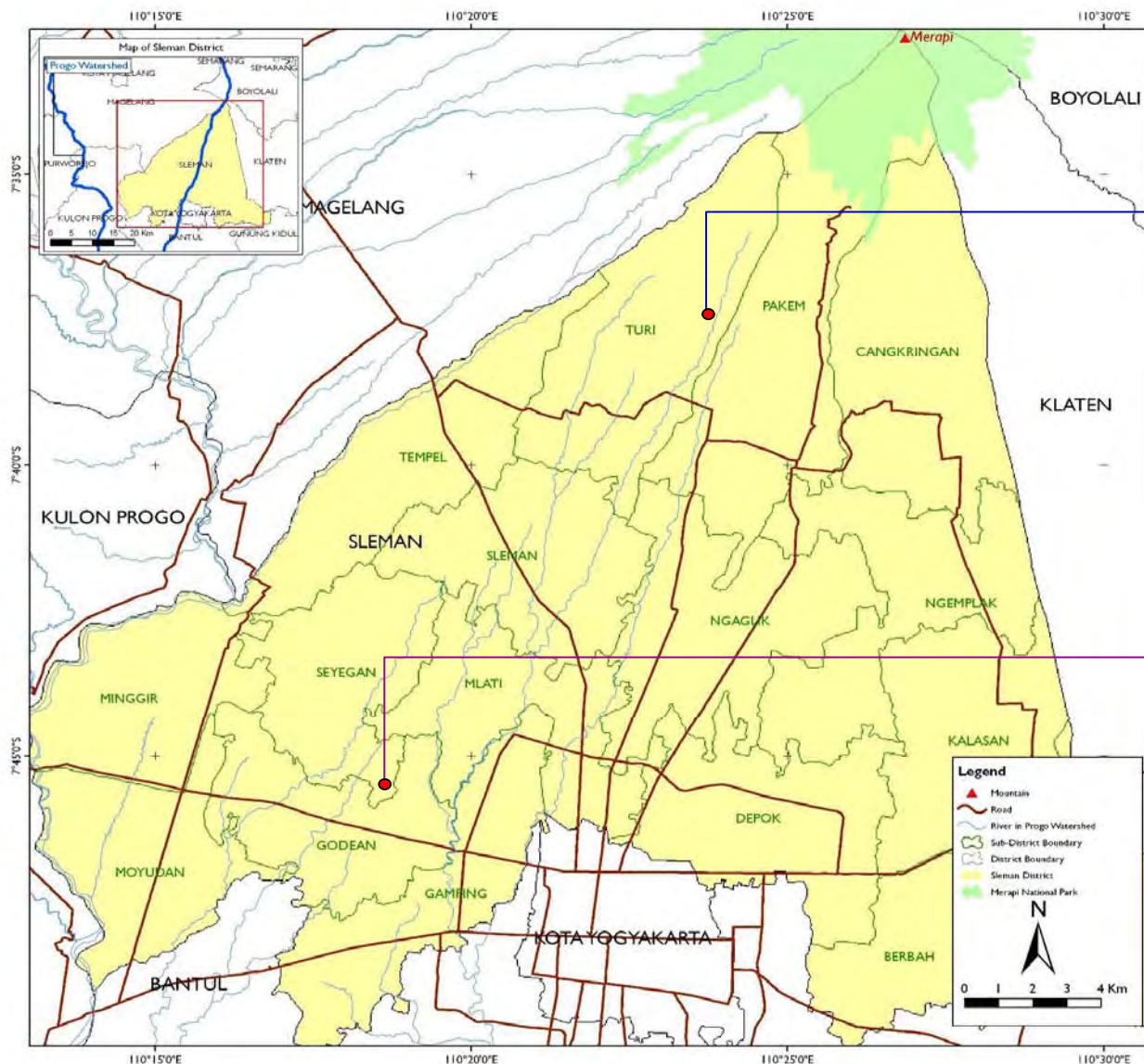


Bamboo trees are well grown, community make contracts with companies: The community of Jambewangi village takes a serious steps after they had a contract with Sahabat Bambu Company in buying and selling their bamboo. The company which operates its business by providing processed bamboo for construction material sets a very high standard of bamboo quality supply. The aforementioned contract encourages community members to intensively manage their bamboo trees and harvest them in a sustainable way.



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Map QPR 15 Central Java - 4 Clean, Green and Hygiene Update in Progo Hilir Sub Watershed (Sleman)



Desa Girikerto Field School participants conduct conservation promotion through traditional Kethoprak Play: The “Merti Desa” ritual regularly held by Girikerto village community stipulates the theme of “Lestari Alam Merapi” (Merapi Nature Preservation) for this year. Performing various art and cultural performances, the festival attracts 600 people residing around Merapi Mountain to attend. ESP’s field school participants use this festivity to perform a conservation campaign that packaged in a traditional play of Kethoprak.

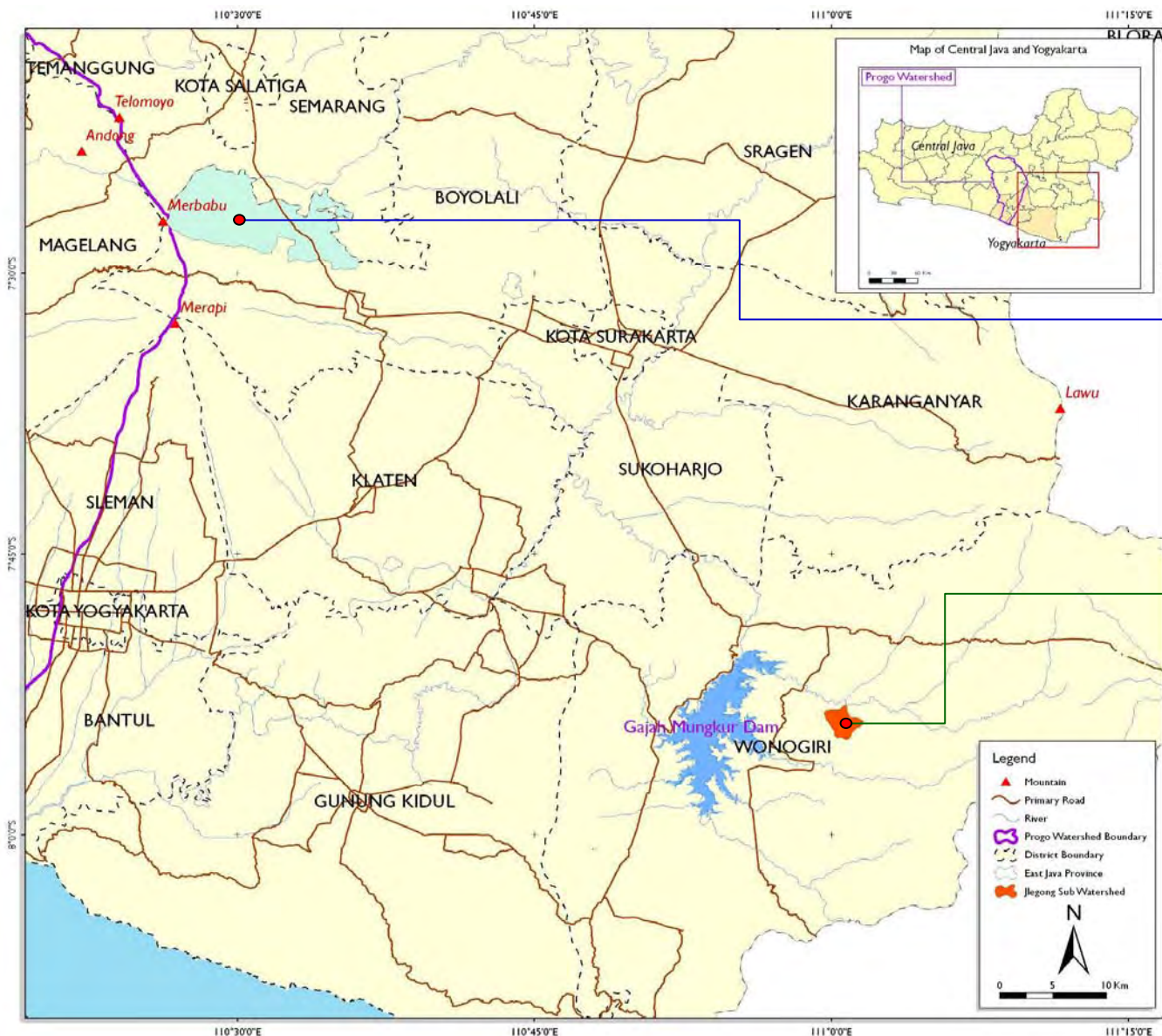


Healthy Sleman Sub-District Program: The increasing number of community groups implementing clean and green area program has encouraged Sleman Sub-District government to initiate a forum of Kabupaten Sleman Sehat (Healthy Sleman Sub-District). Several experts and practitioners from various backgrounds, such as academics, business sector and civil society, are invited to become members of this forum. Recognized as the developer of Clean Green and Healthy Model program, ESP is also invited to become both a member and a key organization for the of clean and healthy lifestyle movement.



The government improves the IPAL after the community is empowered: The community action plan resulted from the field school process receives a positive response from Yogyakarta Kota government. The government follows up two of the six community groups involved in the empowerment of sanitation management by improving the communal IPAL and extending the pipeline system. The Bottom-Up pattern developed by ESP is effective in developing government-community collaboration in the development process.

Map QPR 15 Central Java - 6 Collaboration Site Update in Boyolali dan Wonogiri District



240 thousand avocado and cacao seeds to reforest the Northern slope of Merbabu Mountain:

Acquired from the Agriculture Department's social funds, the seeds are planted in 8 program location villages. The activity is aimed at enriching tree species in the 900ha area of Merbabu Mountain slope. Through collaboration with ESP, the local community also develops village seedling area to provide seeds originated from superior local plants.



120 people involved in the compilation of Sub-DAS Jelenggong management planning: ESP's Field Schools in four villages receive positive responses from the community and the local government organizations. 120 people participate in the village action plan making process through weekly meetings. The administrators of Gamawang, Semin, Ngadipiro and Sembukan villages are also involved in the Sustainable Livelihood Assessment used as the method in this activity.

Map QPR 15 Central Java - 7 PDAM Program Update for Central Java and Yogyakarta Provinces



PDAM Kabupaten Temanggung :

The Standard Operation Procedure has been compiled and disseminated to all PDAM staff and the Supervising Body (Badan Pengawas). As agreed upon by all components, PDAM implements the work procedures and develops it in accordance to the dynamics of the business.



PDAM Kota Magelang

The collaboration between ESP, ETC Nederland and Tirtawiyata Technical Academy in reducing water loss has entered the second phase. In this phase an analysis of cost-benefit is conducted in the effort to reduce water loss. The second phase is actually a new method and it is the most interesting material in the final workshop.



PDAM Kabupaten Magelang :

Clarification on the importance of spreading-basing in the effort to catch water conducted by ESP is highly appreciated by the local PDAM. PDAM expresses its interest to implement the spreading-basin concept as one of its efforts in maintaining its water sources capacity and sustainability



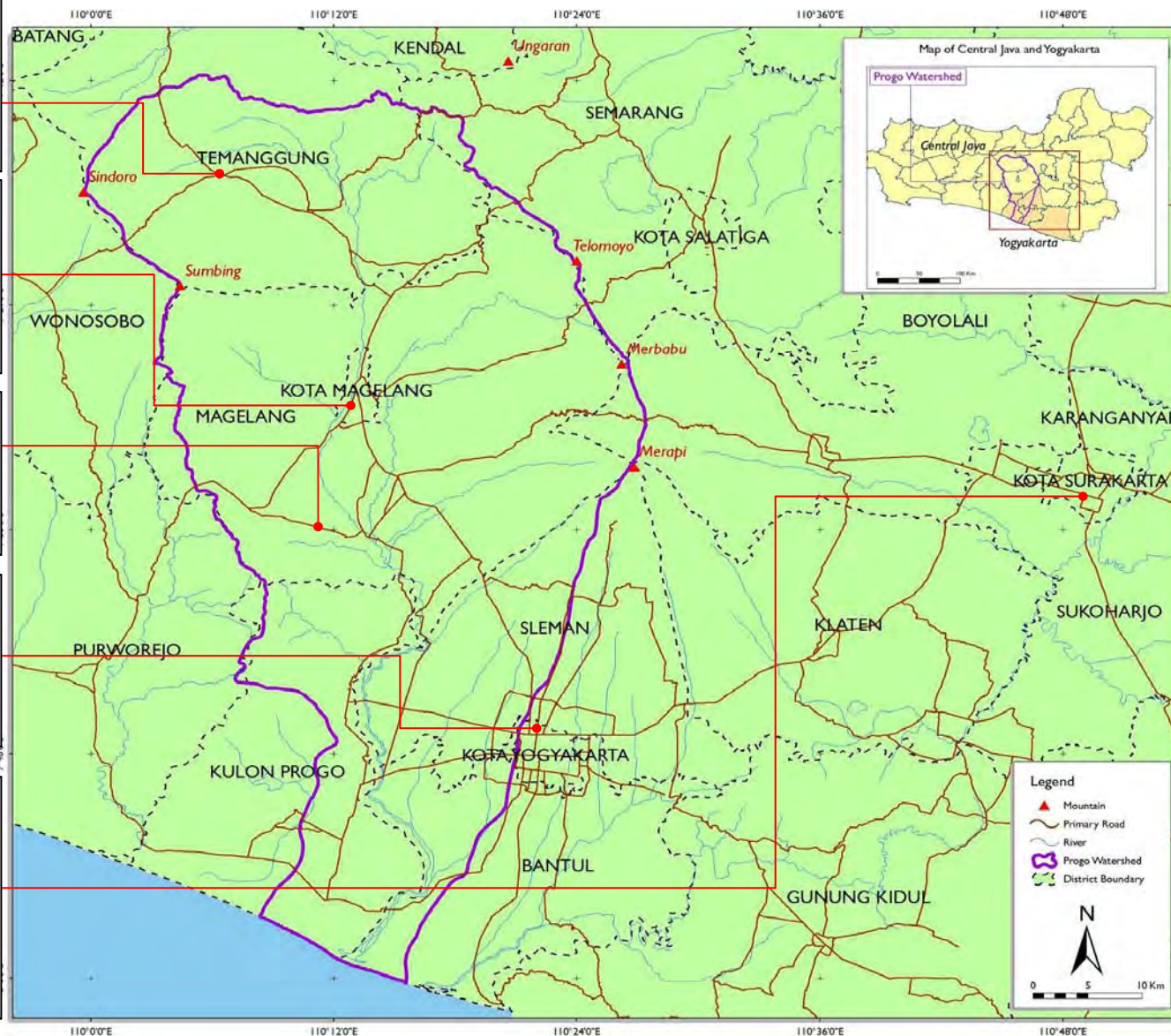
PDAM Kota Yogyakarta:

The Corporate Plan document compilation process is at the last phase at the moment. The program plan for the respective work fields, including their budget, has been compiled in detail. The financial project for the next five years has also been formulized.



PDAM Kota Surakarta:

ESP facilitates the process of Business Plan Document compilation as a replacement to RKPP (Company Financial Recovery Plan Document). This document is compiled as a requirement for PDAM's debt restructurization as stated in the Financial Department's policy. The next process is to develop PDAM and Kota Government's commitment in settling their debts to the Financial Department.



Map QPR 15 Central Java - 8 Small Grant Update for Central Java and Yogyakarta Provinces



Yayasan Kuncup Mekar implemented six new Field Schools in the Kanci subwatershed and conducted more advanced, thematic training workshops for 15 alumni Field School villages in the Tangsi subwatershed on topics such as agroforestry, land rehabilitation and conservation area management.



Yayasan Lestari is building community's capacity to manage communal septic tanks in 10 villages in Kota Yogyakarta, using a Field School approach. Training on improved health and hygiene behaviors (e.g., septic tanks, handwashing with soap, composting and recycling, and safe water preparation and storage) are all part of the training workshops being conducted.



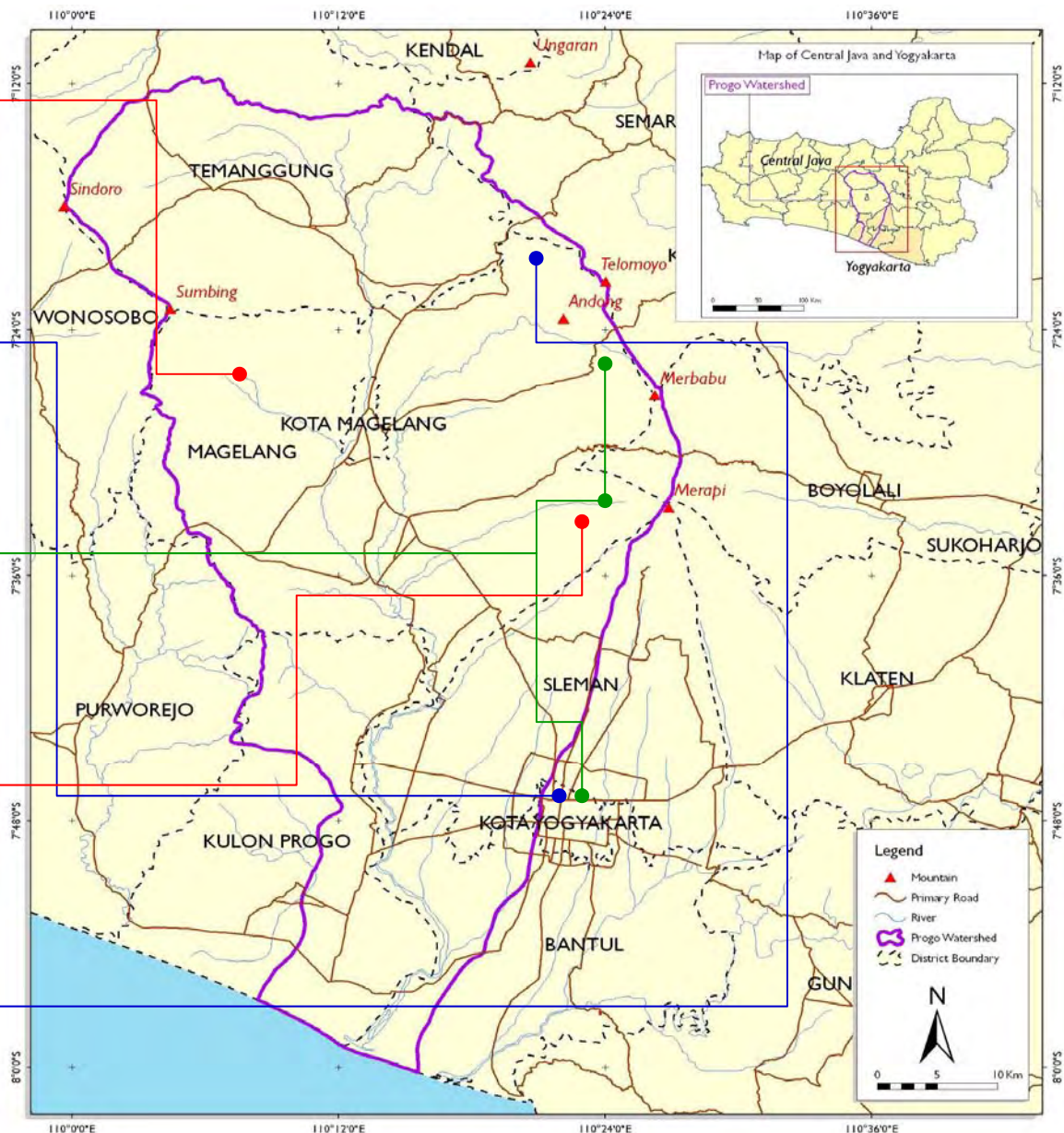
Yayasan Hijau facilitated discussion corners with teachers and students in six Clean Green Hygiene Schools to help them develop and implement their school CGH work plan. Over 360 students at the six schools are now regularly washing hands with soap at all school recesses, as well as sorting solid waste, stopping littering, and regreening the school campus.



Yayasan Kanopi conducted a biodiversity and conservation management campaign on the west slopes of Merapi National Park. Cultural activities, environmental education for students, and multistakeholder discussion sessions were held to build strong community commitment to conserve the park's resources.



Lembaga Pengkajian dan Pendampingan Pembangunan Desa signed a small agreement this quarter to develop a community-based clean water supply system in for 75 households in four villages in the Bolong subwatershed. Currently, they use river water for their daily needs.



SECTION 2.5.

EAST JAVA

INTRODUCTION

To greater impact the community's health and environmental improvements, ESP implemented strategies in three Mini-ESP sites and an Anchor site. ESP's activities emphasized strengthening project results while expanding and capacity building with partners and beneficiaries. More emphasis has been put on enhancing and enriching the technical skills of the community partners. In parallel, ESP worked with a broad range of stakeholders to share results to be adopted while also scaling up in other locations. ESP worked with the six PDAMs to improve their responsiveness to growing water demand while also assisting them to leverage external resources.

This quarter, ESP expanded and promoted ESP's concepts and principles to a broader array of stakeholders to build stronger foundations for sustainability. As the field school and other community-based approaches are gaining ground, ESP worked with Directorate General of Land and Water Conservation (Perlindungan Lahan dan Air-PLA), the Ministry of Agriculture (MoA) and Perhutani on adopting the Field School for various rehabilitation and conservation initiatives. In schools and community groups, ESP held a series of CGH programs not only to keep the momentum of the current partners, but also to reach a larger audience. ESP also emphasized the importance of handling water-related issues by promoting multi-forum collaboration. Implementation of the management plan, particularly in Malang District, continued with spring protection by combining rehabilitation and civil works as immediate actions.

Linking Community-Based Activities to Leverage Sustainability

As ESP is moving forward, stakeholders have responded positively to a number of field activities. This quarter, ESP collaborated with Dinas Cipta Karya and Tata Ruang Malang to develop small small-scale community-based sanitation (CB SSS) units in ESP's Field School locations in Benjor and Argosari villages. The Dinas provided Rp 200 million to construct 4 CBS with the local budget APBD 2008. In addition, to ensure sustainability of the CBSWM program, ESP collaborated with PKK Kota Malang and the community to conduct a series of trainings. PKK Kota Malang is committed to replicating the program independently throughout the target communities in Malang city.

Collaboration with Government Initiatives to Expand Community Empowerment

ESP's work with its partner communities have enhanced the capacity of said communities to address geographically specific issues relatively independently, with their own resources, to the extent possible. To reach more communities and external opportunities, ESP



ESP EAST JAVA

Planting event in Coban Talun: Men and women, youth and adults, are ready for a tree planting event in Tulung Rejo village, Bumiaji. Local initiatives emerged in Batu to rehabilitate land and forests as a response to the springs' reduced capacity and quality.

collaborated with the Ministry of Forestry, Ministry of Agriculture, and Perhutani. In line with an initiative of PLA, ESP organized a ToT on Field School with an emphasis on rehabilitation for 80 farmers of Malang and Batu districts. Similarly, ESP also ran a ToT for 30 staff of Perhutani I, II, and III across Java. The ToT participants will then implement community-based activities responding to various issues in the field. At the grassroots level, ESP continued to work with communities to improve their capacity and help them network with stakeholders. The more expanded and improved communities are, the more issues they can address accordingly.

Local Initiatives Help Improve and Sustain Environments and Community Health

Environmental improvements are most effective when enthusiastically supported by all stakeholders. In addition, involved local community participation becomes a necessity for success, encouraging project ownership and sustainability. Through a series of radio airing programs and media gatherings, ESP opened opportunities for the local community to share their efforts and successes in addressing local issues. Widely participated media and the diverse audience applauded the genuine initiatives of local communities. ESP facilitated community cadres from Batu, Malang (Argosari and Jabung), and Mojokerto (Mrasih) in presenting their respective experiences with organic farming around springs, conversion of cow dung to biogas, and the use of fermented animal waste as fertilizer. ESP understands how assistance to the local community translates to effective advocacy for the broader community and stakeholders through media coverage and active participation and involvement.

INTEGRATED SITES UPDATE

Mini-ESP in Sumber Brantas

ESP worked mainly with two community groups, LMDH and Fokal Mesra, which are key to the successful implementation of community-based activities. Fokal Mesra became the most significant partner for the local government of Batu. The capacity of Fokal Mesra has improved, not only in regards to watershed management but also in the community-based solid waste management and community-based water supply. During the quarter, Fokal Mesra has effectively facilitated the community towards environmental conservation as well as an improved community-based water supply system.

Multi-stakeholders of Sumber Brantas continue to rehabilitate land and forests

In the early wet season period of 2008, around 38,000 trees were planted during a series of events. The planting events were organized by a multi-stakeholder forum led by Dinas Kehutanan & Lingkungan Hidup Kota Batu. Two major events in December were “Indonesia Menanam” (“Indonesia Plants”) and “Perempuan Menanam dan Memelihara Pohon” (“Women Plant and Protect Trees”). LMDH, Fokal Mesra, youth group “Karang Taruna” and various schools participated in these events. Another planting event was organized by Bumiaji Sub-district and funded by Jasa Tirta I. The Tani Bumijaya II group also planted various trees surrounding springs and an apple plantation in Coban Talun, Tulung Rejo village, Bumiaji. The multi-stakeholders understand that they all need to work hand-in-hand to help rehabilitate degraded forests and land in Batu.

To improve forest cover, in collaboration with Perhutani and Batu municipality, LMDH Batu City developed undershade plantation in the “Hutan Wengkon” of Perhutani. A total of 12 Ha have been planted with Porang (*Amorphophallus oncophyllu*), another 15 Ha with King Grass and the other five Ha with Cincau (*Mesona*). Additionally, as a follow up of ESP’s grant to LMDH in 2006, farmer group Bumijaya II developed a new nursery that grows more than

50,000 tree seedlings in collaboration with BPTH (Balai Pembibitan Tanaman Hutan) Jawa-Bali. LMDH carefully monitors the nursery and the planting to make sure that the seedlings are of high quality and survival rate.

CGH curriculum raises awareness on health and environmental issues

ESP supported the education office of Batu City to develop 15 health and environmental education modules for elementary schools. The modules adopted ESP's CGH concepts. Inclusion of these concepts is not only a provision of local content material in the curriculum, but also as a response to the health and environmental conditions of Batu City. The former mayor of Batu also emphasized the importance of building awareness at an early age. Bu Mistin, the head of education office, leads this initiative. Once completed in early 2009, the curriculum will be used in all 89 elementary schools across the municipality. As lessons learned, Bu Mistin shared her thoughts and experience with other ESP sites during an MMC event in Jakarta. Support from the government, such as in creating a regulatory framework, is needed to get the CGH concepts included in the curriculum.

Blue Thread in Welang Sub-Watershed

Multi-stakeholder Forum "Senyum Welang" Rehabilitates Land and Forests

A multi-stakeholder forum has been formed in the Welang Sub-watershed. It is named *Senyum Welang* (literally translating as "Smiles of Welang") standing for *Sehat Nyaman Untuk Masyarakat Welang* (or "Healthy and Comfortable Welang"). The forum, consisting of several villages, has developed a management plan endorsed by Pasuruan District and represented by the head of Bapemas (Badan Pemberdayaan Masyarakat-Community Empowerment Agency). As part of its action, 177.5 Ha of degraded land in Jatiarjo, Tambaksari and Dayu Rejo have been replanted including those in Tahura R. Soerjo, Perhutani, and community areas with around 50,000 trees. As a member of the forum, community group PKTT Arjuna Lestari Pasuruan, in collaboration with Taman Safari, conducted a conservation campaign. Wakil Bupati Eddy Paripurna opened the event and around 300 participants took part in the campaign.

Mini ESP in Welang-Brangkal. Both Welang and Brangkal Sub-watersheds are located in the boundary of R. Soerjo Grand Forest Park where certain big rivers flow to Sidoarjo and Pasuruan. Their relative location to the Grand Forest Park plays an important role, illustrating how conservation of the park can be effectively achieved with proper management in the two sub-watersheds.

From Cow Dung to Biogas, Hadi Inspires Energy Self-sufficiency



ESP EASTJAVA

Hadi is collecting the methane from a biogas unit. He is separating methane from carbon dioxide so that the gas can burn more effectively. His fellow villagers are interested in starting similar units to meet their domestic energy needs.

The biogas unit is a marvel for those who live surrounding the forest and depend on fire wood. The biogas is produced from the decomposition of cow dung and the gas can be used for domestic use. Dependence on fire wood and kerosene is then reduced, if not fully substituted. It also reduces the amount of cow dung and helps diminish its unwelcome smell and leachet. Hadi Susilo who successfully installed the first biogas in Sumber Rejo village, Kab. Pasuruan further innovated the system. His hands-on familiarity with mechanical equipment has enabled him to convert the methane gas from cow dung into energy to generate electricity. With his biogas unit, Hadi can produce 3 m³/day of methane. He modified a generator to produce 880 Watt-220 Volt electricity to power a refrigerator, a TV, a fan and a VCD player for 3 hours. The generator can be easily operated by women. A private company is currently marketing the product in remote areas in Pacitan where PLN's service is nonexistent and the raw materials are easily found. "The most important thing is that the amount of cow dung is sufficient enough to produce methane and

subsequently energy", said Hadi. Hadi's efforts inspired and motivated his fellow villagers to have their own units. In addition, his invention might become an effective option to overcome the needs for energy in remote areas.

Mini ESP in Kota Malang and Kabupaten Malang (Ambang-Lesti-Melamon)

The Ambang-Lesti-Melamon Sub-watersheds covers areas of Kab. Malang, Kota Malang area, and parts of TNBTS and Perhutani. The geographical connections are indicated by use of springs that are of cross boundary and Brantas River that flows across the region. PDAM Kab. Malang uses a number of springs located in TNBTS and Perhutani areas. It is important that continuous supply of springs can be sustained. ESP fostered dialogue among the parties and helped develop integrated intervention and formation of multistakeholder forum. PDAM Kab. Malang, TNBTS, and Perhutani KPH Malang have now common understanding that they need to collaborate to deal with reduced quantity and quality of the springs. ESP also continued to strengthen adoption of the CGH concept and CB SWM practice through a series of campaign and training programs.

Other Key Achievements this quarter include:

- **Infiltration wells for spring protection.** Thematic field schools on spring protection have been conducted in two major springs that PDAM Kab. Malang uses in Kajar (Jatisari, Pakisaji) and Jengglong and Pelus springs (Duwet Kedampul, Tumpang). In each village, a group of 25 community participants met regularly and developed social and bio-physic mapping, simple spring delineation, and transect. Members including PDAM, agriculture officer, Perhutani and LMDH are very active in the progress of the field school. As immediate action, ESP and PDAM supported the community to construct four infiltration wells that will function to store rain water and infiltrate it to the aquifer. This will in turn maintain the spring capacity. Further, this measure has been put on the action plan in the management plan.

TNBTS, Perhutani, and PDAM Kab. Malang have signed the plan emphasizing spring protection.

- **Field school alumni gaining support for land and forest rehabilitation.** Upon completion of the field school in 5 villages across TNBTS area, the participating alumni took the lead to rehabilitate land and forest. They planted around 82,700 trees in 275 Ha degraded land and forest areas mainly in the buffer zone of TNBTS. LKDPH, Perhutani, local NGO, Perhutani, and TNBTS supported the initiative through GRNHL program.
- **Student cadres campaigning Hand Washing with Soap (HWS).** Students can also become an effective facilitator. This has been proven during HWS serial campaigns in four schools in Malang Raya (SD Dinoyo 1 & 2, Arjowinangun 1, and SD Panggungrejo IV). Student cadres supported by their teachers at the four schools used morning gathering *upacara bendera* (flag raising) and special event “Idul Adha” to present the fecal-oral transmission. In addition, the students were led to practice HWS before entering their classes. As many as 1,142 students have been exposed to these campaigns in the four schools.
- **Malang learns some lessons on CBSWM from their fellow community Wonokromo.** To expand beneficiaries of CBSWM practices, ESP collaborated with PKK Kota Malang and the community to conduct a training on plastic waste recycling. About 35 community members of six villages of Kota Malang participated in the training. As many as 12 community cadres of Wonokromo, Surabaya helped facilitate the training and shared their skills with those from Malang. The head of PKK Kota Malang, also as the Mayor’s wife, is pleased to see the participants’ enthusiasm and commitment to replicating the program to all communities across Kota Malang.
- **Kab. Malang local government keeps improving sanitation.** During the quarter, Dinas Cipta Karya and Tata Ruang, Kabupaten Malang provided Rp. 50 million for each of the four community-based small scale sanitation (CB SSS) in Benjor and Argosari villages. These villages are ESP’s Field School locations in TNBTS area. ESP facilitated the community to develop the plan and linked them with the local government. Currently, the four facilities have been developed so that all members of the communities can use them. The local government Kab. Malang is planning to develop similar facilities in other locations.



ESP EASTJAVA

In the past, most people of Argosari, Kab. Malang used the river for domestic purposes (left). With support from the district government of Malang, 4 sanitation facilities (right) have been developed in ESP’s Field School locations. It is hoped that their the community’s health is improved as a result and that river pollution levels decrease.

Water and Sanitation in the Maspo Sub-Watershed and Achor Site in Surabaya

Surabaya is committed to Improving Health

Surabaya and Sidoarjo are not only connected by the Brantas River, but also economic activities marked by high mobility between the two. A number of low-income communities can also be found in the two locations. ESP continued to work in Lemah Putro, Sidoarjo to improve the water supply through a Master Meter scheme. ESP also promoted health and hygiene behavior improvements. In Surabaya, ESP continued to work on sanitation improvements. ESP assisted Wonokromo and Gading, Surabaya to increase the number of households participating in improved solid waste management and health and hygiene behavior change programs.



ESP EASTJAVA

800 students and their parents from 10 elementary schools across Surabaya rally on streets promoting the importance of Hand Washing with Soap as an effective practice to reduce diarrhea. The event commemorates the Global Hand Washing with Soap Day on December 26, 2008.

In line with the Global Hand Washing with Soap Day 2008, on Dec. 26, ESP held a campaign promoting HWS as an effective practice to reduce diarrhea. The event was attended by about 800 students from 10 elementary schools in Surabaya. The event was supported by the head of PKK Kota Surabaya Dyah Katarina, US Consule General Caryn McClelland, the city of Surabaya, and the provincial health office. HSP and SWS also took part by promoting health improvements. The students rallied along the street showing off hundreds of posters and singing songs encouraging people to wash their hands properly. At Taman Bungkul, Surabaya, the students gathered and practiced the hand washing with soap led by Dyah and Caryn. The two

admired the students' enthusiasm. During a gathering attended by 22 media, Dyah reiterated the importance of HWS to keep Indonesian families healthy. She is convinced that everyone can do it right, because it is simple. She is strongly supportive of making hand washing a daily routine practice.

WATER UTILITY (PDAM) STRENGTHENING AND WATER FOR THE POOR

This quarter ESP worked with the six PDAMs to improve its institutional capacity through a broad range of assistance. In parallel, ESP also worked to expand people's access to piped water connections, particularly with the micro-credit program. ESP's assistance throughout the quarter is as follows:

- **PDAM Kota Malang:** ESP facilitated a Real Demand Survey where the results will be used to support the preparation of the full Feasibility Study. The survey covers two sub-districts where investment will be placed.

- **PDAM Sidoarjo:** A final report draft on the financial analysis and projection of the investment plan has been completed. The plan includes improvements and expansion programs across the district of Sidoarjo.
- **PDAM Gresik:** PDAM is in the process of finalizing the Business Plan for the Debt Restructuring Program. However, the new Ministry of Finance (MoF) regulation (PMK 120/PMK.05/2008) requires PDAM to achieve full-cost recovery level before submitting the proposal to the MoF. PDAM is suffering from negative net income this year due to shortage in raw water also hindering PDAM to increase the tariff.
- **PDAM Kota Pasuruan:** PDAM is requesting ESP's assistance to prepare the Business Plan for the Debt Restructuring Program. As the first step, PDAM needs to do assess inventory to settle the disclaimer opinion by audit body BPKP. ESP's assistance will include investment program development needed for the preparation of the Business Plan.
- **PDAM Kab. Malang:** A meeting with PDAM's management has been held to discuss the scope of ESP's assistance for preparation of the Business Plan for the Debt Restructuring Program. PDAM needs to work on the investment plan in line with the Corporate Plan and request ESP to review the Financial Projection.
- **PDAM Surabaya:** The World Bank had sent the draft Grant Agreement to related parties and on Dec. 24 the draft agreement was finalized. The Agreement will be signed on Dec. 31. In parallel, PDAM is preparing a pilot project for the Energy Efficiency program to show that proper assessment and replacement and/or improvement of mechanical equipment can reduce the use of energy leading to a more efficient operation. PDAM is also preparing a set of internal regulations for a performance-based scheme that might be applicable for such energy efficiency program.
- **Micro-Credit program:** An additional 930 households have been connected to PDAM's piped water grid in Sidoarjo (758 households), Surabaya (166 households), and Kab. Malang (6 households). With a Field Assistant mobilized in October, ESP will continue to help both PDAM and the bank identify potential customers, prepare the application, including monitoring and evaluation of the installed connections.
- **GIS:** ESP supported PDAM Gresik to develop a GIS database using free image source from Google Earth™. ESP also supported PDAM Surabaya to run a project to update and improve their current GIS database. Three major areas proposed by ESP included change from the closed system into open system to make them able to add external data in raster and vector format, repair the spatial database projection system, and use Google Earth™ as the source to update the customer and non-customer database.

Pak Sapari believes that installation of a meter will improve the service of the community-based water supply system “Hippam Subur Makmur, Gempol”.



ESP EASTJAVA

Pak Sapari opens a tap from a house connection in Gempol, Batu. A total of 150 households of Hippam Subur Makmur no longer have to access nearby springs by bucket. Instead, water flows directly to their homes.

Gempol is a hamlet of about 600 households in Tulung Rejo village, Batu. A number of springs spread around Gempol, but not all can obtain water from the springs due to geographical difficulties. A Hippam has been formed comprising 150 household members, but only 60 households have access to the water. “Since the service is poor, many do not pay the water charge”, said Pak Sapari, a member of Hippam board. With facilitation of Fokal Mesra, a number of measures have been taken to improve Hippam’s operation. To control and balance consumption, a water meter is installed at the house connection. In the past, no water meters had been installed. Hence, only a few accessed water satisfactorily. By installing the water meter, the storage also functions more effectively. When the demand is low such as night time, the storage fills up with water. “This has never happened before,” said Pak Sapari. Now, all 150 connected households are equipped with a meter and get water daily and have expressed satisfaction with the service. 10 new households have been connected to the system and many more are waiting to connect. As the service improved, Dinas Sumber Daya Air & Energi contributed Rp. 95 million for further improvements.

OTHER HIGHLIGHTS

- **Lemah Putro community now gets piped water.** A small grant program to provide piped water connection to a low-income community in Lemah Putro, Sidoarjo has been completed. The program was officially handed over to a KSM (Kelompok Swadaya Masyarakat; a CBO) on Nov. 21. The KSM will manage and operate the system with a Master Meter scheme where PDAM installed connections up to a bulk water meter and downstream to house connections is managed by the Community-Based organization KSM. The system currently serves 50 households and many more desire to connect. With the service, the people of Lemah Putro can now spend less money relative to the past when they had to buy water from the vendor. To bring about greater health impacts to the community, ESP held a training on CGH attended by 28 (26 female and 2 male) cadres and KSM members. CGH concepts such as HWWS, re-greening, solid waste management, and clean water have been presented. The community will implement follow-up activities of their own in Jan. 2009.
- **Pacet Selatan confident that eco-tourism helps conserve forests and biodiversity while keeping their needs met.** The people of Pacet Selatan hamlet, Pacet village had never imagined that the Bupati Mojokerto Suwandi would visit their village. It was the first time for the Bupati to arrive and survey an area proposed as an eco-tourism spot. Eco-tourism has always been a dream for the people of Pacet, since the field school started in 2007, followed with a participatory mapping in September 2008. Eco-tourism is one of the follow-up action plans as an alternate to tree-based income generation. Hence, forest degradation and pressure on biodiversity can be minimized. The initiative is supported by the village by providing a plot of six Ha land covering “Kas

Desa” and “Bengkok” lands (or plots of land managed by village administration as a source of local revenue). The villagers have worked hand-in-hand developing a simple road to the location. They want to make their dreams come true.



ESP EASTJAVA

As the village head of Kemiri, Suprpto is now relieved that his village has a public toilet facility. He is proud that even in rural areas, people can have access to proper sanitation. He believes that all his fellow villagers will be eager to work towards improved sanitation facilities.

Suprpto sees no more queuing in Mrasih. The people of Mrasih need not queue any longer at Nongko River. In the past, they used to queue for bathing, washing, and even defecating in the river that passes through Mrasih hamlet, Kemiri village, Mojokerto. The hamlet of 188 households did not have a proper sanitation facility. Not only because of their low income, but also the unstable soil condition, has made them unable to have their own facility at home. They had used the river from an early age but dreamed of having a proper facility. They came up with the idea to develop a pilot public toilet when the 25 community participants were attending Field School. ESP helped them design and construct the facility. The community-based facility consists of four toilets and 2 bathrooms. The wastewater is treated with a wetland. The design of the facility takes the peoples’ own desires and habits into consideration. This helps ensure that people’s ‘close to nature’ approach isn’t negatively compromised and instead gradual changes help avoid a shock from “open facility” to a relatively confined one. The facility’s roofing is designed to be half open so that people can still see hills and feel the breeze while using the facility. “Now, people of Mrasih don’t have to worry about muddy river water any more. Also, the women are not worried about being seen when bathing”, say Suprpto (37). The village head is pleased and proud that half of his villagers now use the facility. He is hoping that all his fellow villagers will not use the river so that diarrheal cases can be reduced and pollution of Nongko river is sustainably reduced.

Wonokromo scales up the CBSWM practices.

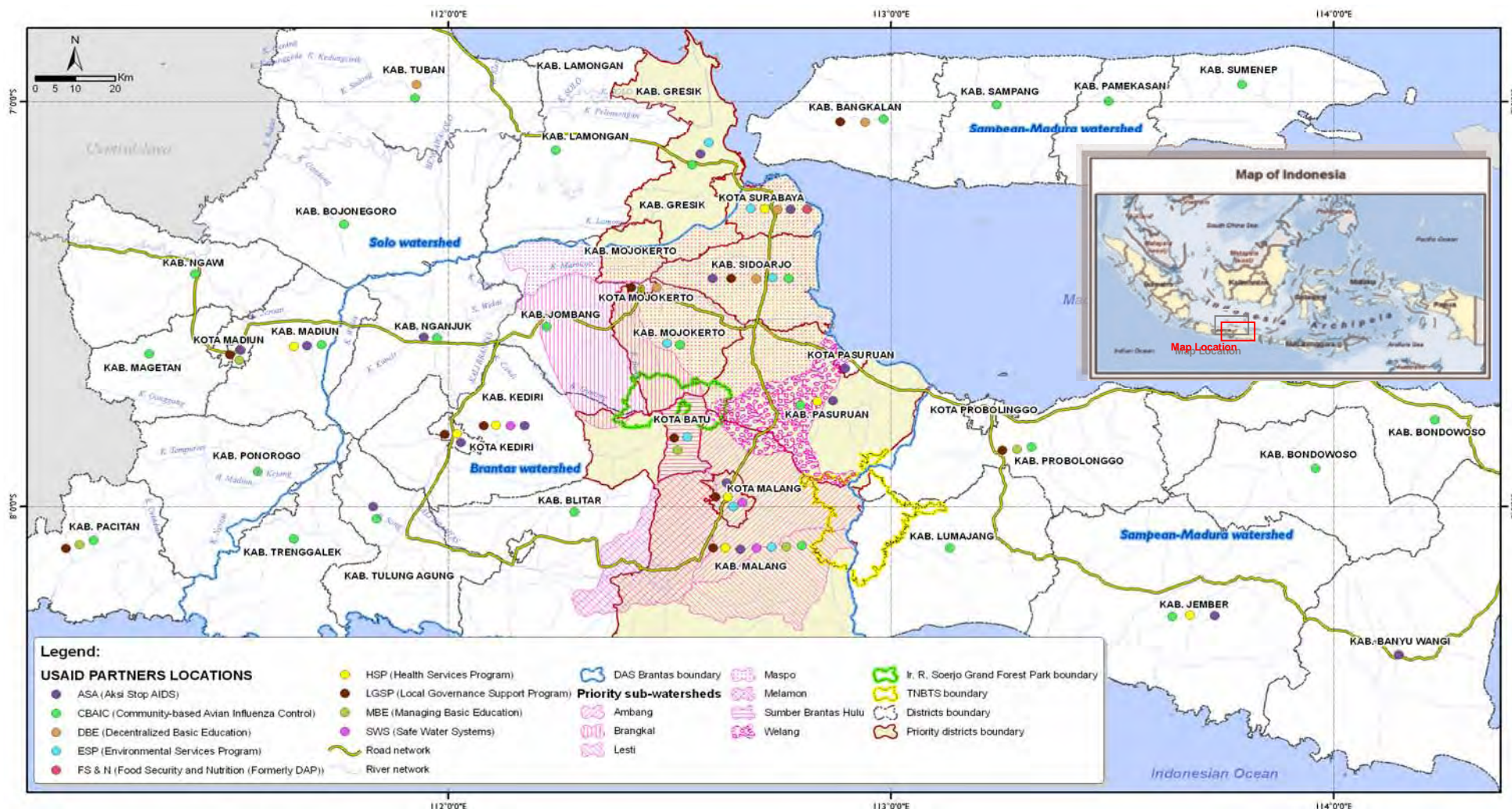
More and more families in Wonokromo are aware of health issues. As many as 516 households are now practicing CBSWM. Hand Washing with Soap became more broadly practiced. In addition, alleys in the area are now cleaner and greener. Wonokromo now has a small space to store and sort inorganic wastes, a practice which is done regularly, every Saturday. They also use the instant noodle wrappers and other plastic waste and make them into useful things such as hand bags. Their products are broadly recognized in Surabaya. The head of PKK Kota Surabaya, also the wife of the Mayor, always orders bags for souvenirs. Many came to Wonokromo to learn about waste separation and how they changed their paradigm. About 12 cadres now become trainers on CBSWM. They trained communities from other locations in Surabaya, Malang city, and Batu.



ESP EASTJAVA

Wonokromo cadres are sorting out inorganic waste at the waste store house. More households are becoming active in the CBSWM program. They see how the program can make their neighborhood clean and green while also improving their economic status through handicraft income generating activities.

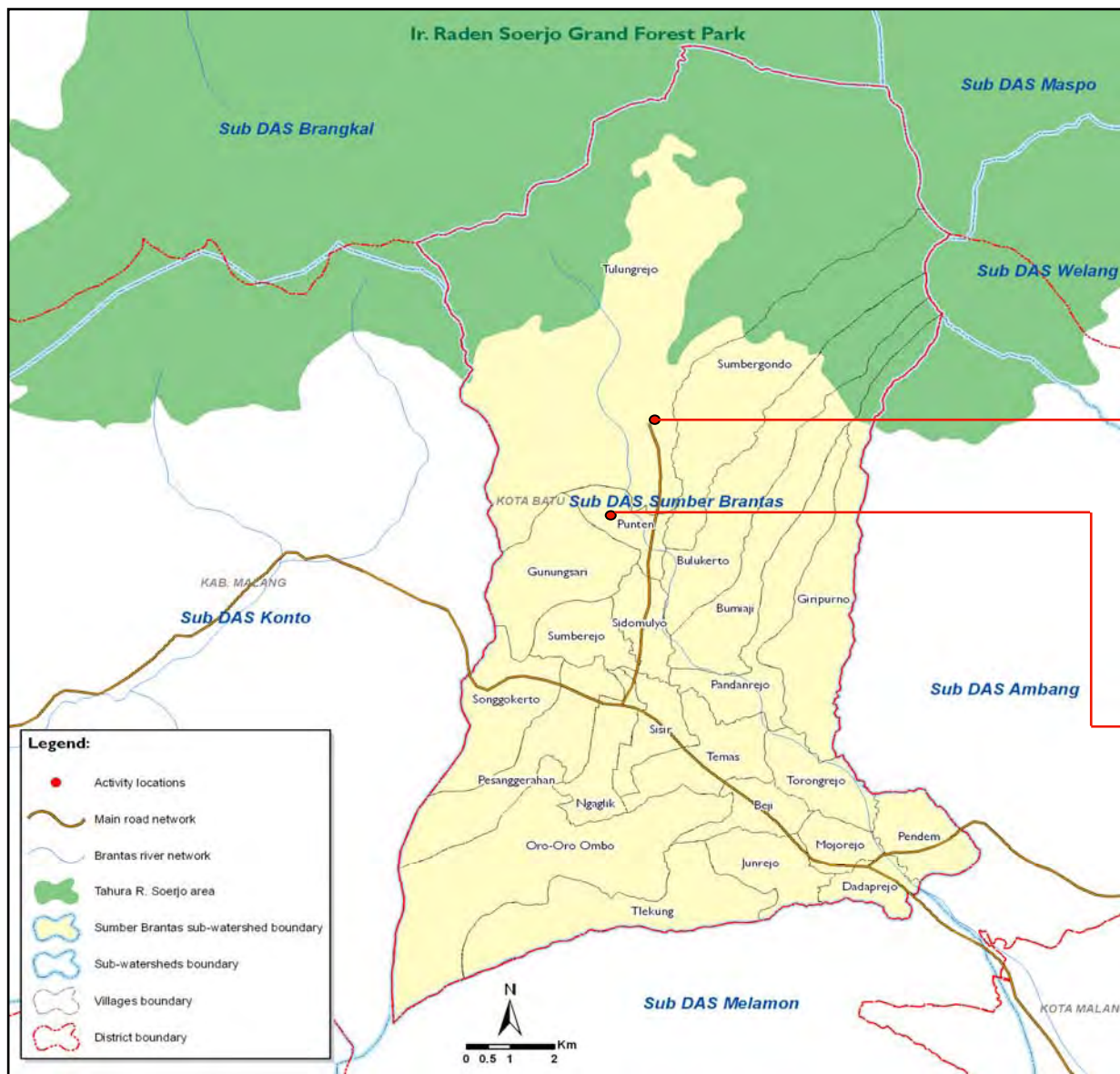
Map QPR 15 East Java-I Location of ESP Integrated Approach for East Java Region



Focused Area for ESP Integrated Program Sites and Strategies, FY 2009:

- Mini ESP in Sumber Brantas Sub-watershed
 - Integrated Program in Kota municipality
- Mini ESP in Welang and Brangkal Sub-watersheds
 - Pasuruan, Malang, and Mojokerto districts and Pasuruan Municipality
 - Raden Soerjo Grand Forest Park
- Mini ESP in Ambang, Lesti and Melamon Sub-watersheds
 - Malang District and Municipality
 - Raden Soerjo Grand Forest Park and Bromo Tengger Semeru National Park
- Anchor Site Integrated Program in Maspo Sub-watershed
 - Surabaya Municipality
 - Sidoarjo District
- PDAM Work Plans
 - Surabaya, Pasuruan, and Malang municipalities
 - Gresik, Sidoarjo, and Malang districts

Map QPR 15 East Java-2a Mini ESP Update in Sumber Brantas Sub-watershed

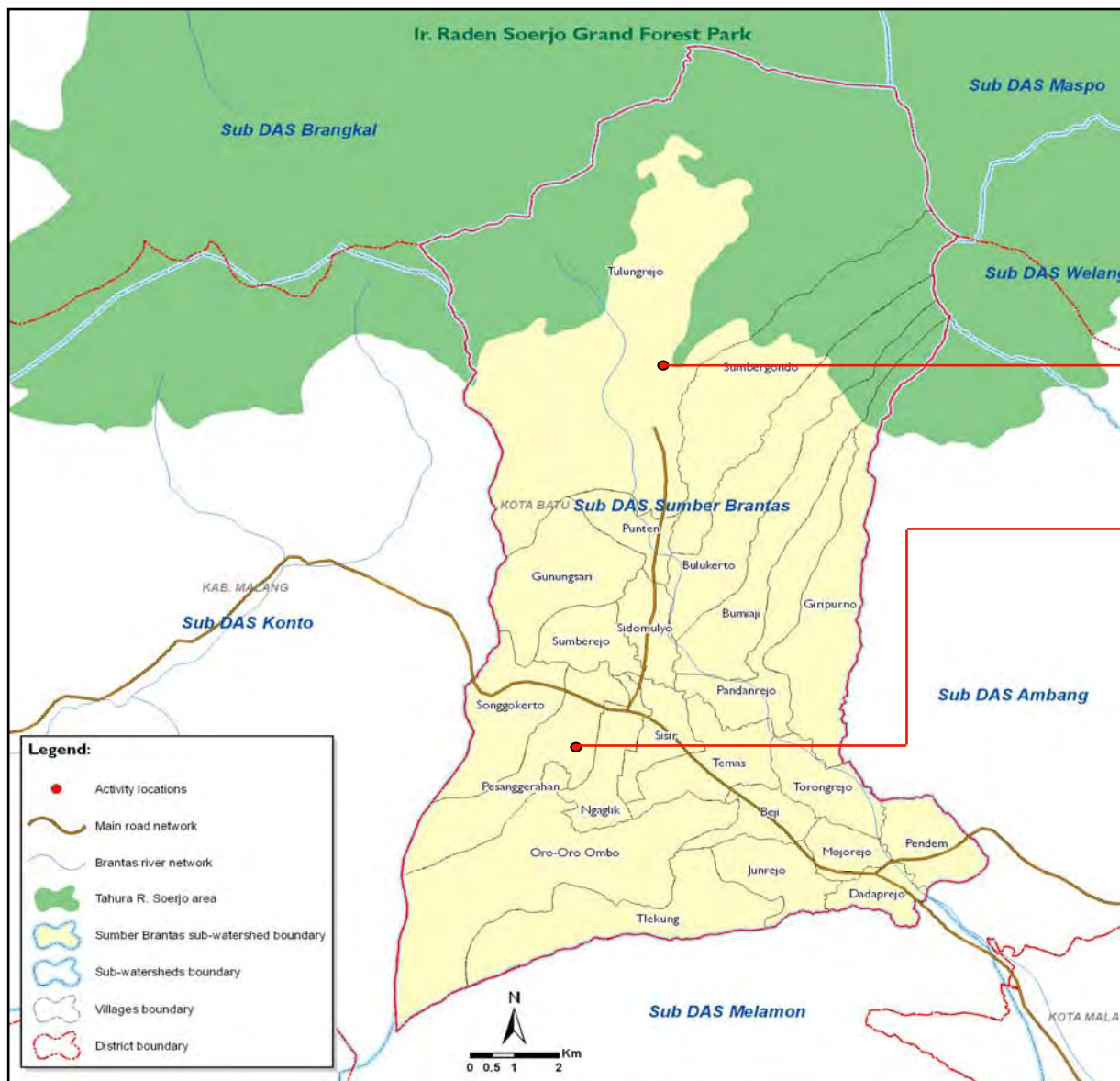


SD 2-3: House connection metering improves service. A field officer is checking a piped water house connection. Community-based water supply system "Hippam Subur Makmur, Gempol, Tulungrejo, Batu" improved service by installing water meter at house connection. Hence, 150 households now get water with a more continuous supply. Fokal Mesra are supportive of the improvements by providing technical and management training. The local government of Kota Batu provided funding of about Rp. 95 millions for further improvements. The Hippam plans to expand its coverage by servicing more households in the area.



WS 2-1: Multi-stakeholders continue to rehabilitate land and forest. A number of farmers are planting trees in Perhutani area. LMDH, Perhutani, and the local government of Kota Batu planted 12 Ha with "Porang", 5 Ha with King Grass, and 5 Ha with "Cincau" in a number of areas in Batu. The tree planting is a concrete action of a community group "Paguyuban LMDH Batu Hijau Lestari, Kota Batu" upon a comparative visit on use of undershade plants.

Map QPR 15 East Java-2b Mini ESP Update in Sumber Brantas Sub-watershed



WS 2-1: Tree planting for spring protection. Male and female farmers are participating in a tree planting event. The local government of Kota Batu and Perhutani are sponsoring spring protection actions in Coban Talun. Private companies, NGOs, and environmental groups were involved in planting various tree species such as Mahoni, Suren, Eucaliptus, and other MPTS. The seedlings were provided by broad contributors such as Perhutani, KNPI, Jatim Park, Te kom, Pupuk Bagas, and local business players.

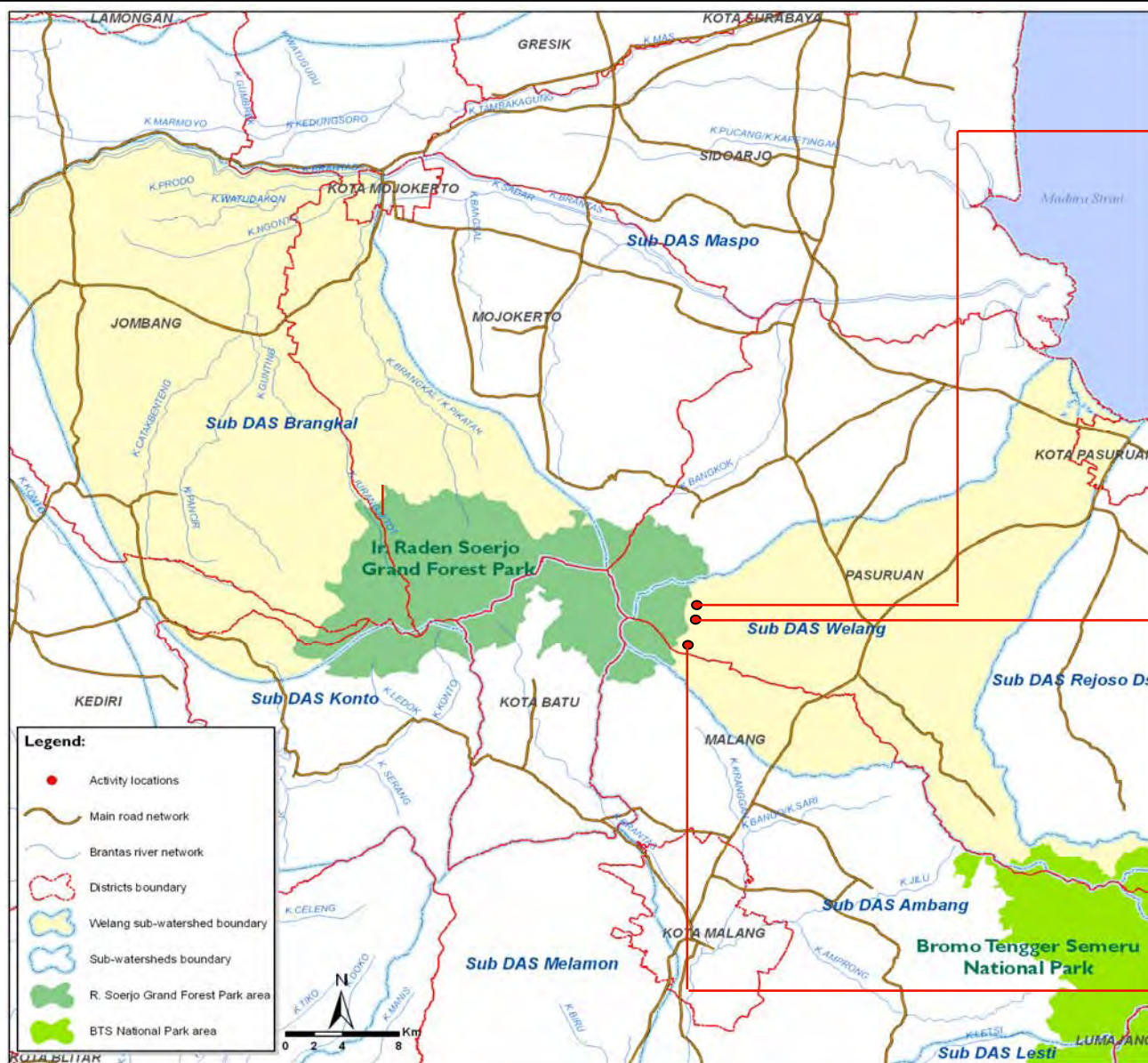


WS 2-1: Kota Batu is committed to land and forest rehabilitation. Broad participants are joining "Indonesia Menanam" Program in Desa Pesanggrahan. The local government of Kota Batu is leading the rehabilitation initiative engaging LMDH, Fokal Mesara, youth group "Karang Taruna". Various trees species such as Mahoni and Sukun have been planted.



SC 0-3: Raise awareness through curriculum. Fifteen health and environmental education modules are ready to be implemented in January 2009. D knas Kota Batu is developing a CGH curriculum carrying ESP's issues to be implemented in entire 89 elementary schools across the municipality. The initiative is intended to raise awareness on CGH issues since early age.

Map QPR 15 East Java-3a Mini ESP Update in Welang and Brangkal Sub-watersheds



WS 2-1: Field school follow up action for rehabilitation. Along the field school, a farmer group is preparing for land rehabilitation. In a community nursery in Cendono, Purwosari, Kab. Pasuruan, Mahoni (*Sweitenia mahagoni*), Sengon Basia (*Albacia falcataria*), Gmelina (*Gmelina arborea*) are to be planted around springs in Tahura R. Soerjo, Pasuruan for planting season.

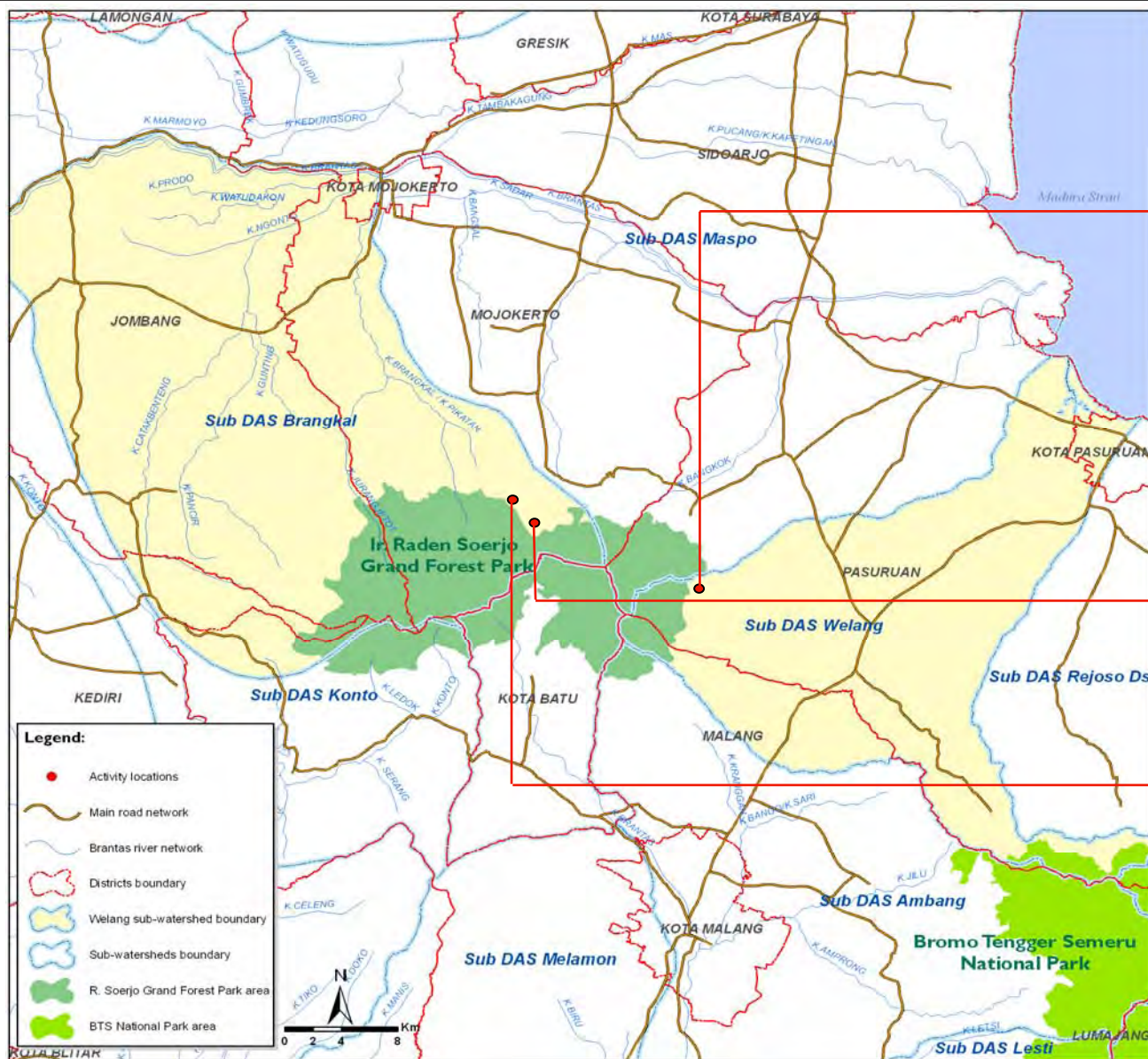


WS 1-4: Local government Kab. Pasuruan endorsed the Management Plan. Drs. Ahmad Rajasa, head of Badan Pemberdayaan Masyarakat (Bappemas) attends the Field Day, while Field school participants are presenting their efforts in forest, sanitation, and solid waste issues. Mr. Rajasa is very proud of them. Mr. Rajasa signed the Welang Management Plan as a commitment of broad stakeholders to rehabilitate land and forest.



WS 1-3: "Senyum Welang", a forum for a greener Pasuruan. Wide participants are forming "Senyum Welang", a forum having commitment to jointly rehabilitate and conserve land and forest in Pasuruan. Membership of this group includes community, farmers, and local government. They collaborate to deal with various local issues, explore opportunities, share information, and seek partnering with concerned parties, such as private entities.

Map QPR 15 East Java-3b Mini ESP Update in Welang and Brangkal Sub-watersheds



WS 3-2: Kab. Pasuruan is conserving forest. Eddy Paripurna, Wakil Bupati Pasuruan is writing a message for expanding biodiversity conservation. The event is held by Paguyuban Kelompok Tani Tahura R. Soerjo (PKTT) and is supported by Taman Safari Indonesia II. The attending 300 participants are committed to conserve the forest.

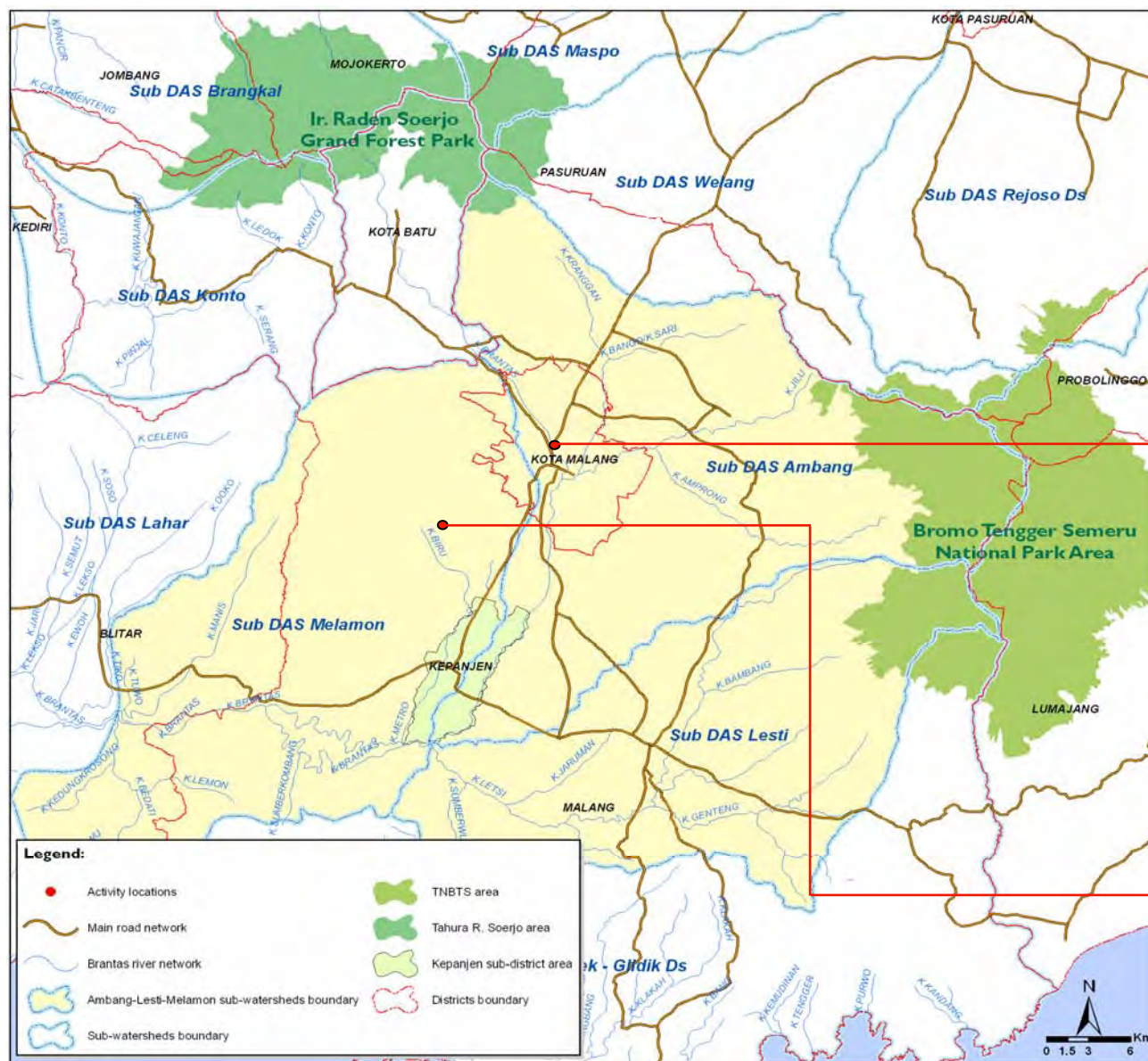


WS 3-3: Eco-tourism as an answer to people of Pacet Selatan. A simple track is being developed to a location for an eco-tourism spot. The people of Pacet Selatan is confident that eco-tourism is a solution for multi-issues, help conserving the forest and at the same time opening opportunities for income generation as a substitute to tree-based ones.



SD 5-2: Mrasih is proud of having sanitation facility. One unit small scale sanitation system has been constructed in Mrasih, Kec. Kemiri, Mojokerto that can serve up to about 250 people. The facility is introduced to the villagers for various domestic purposes such as bathing and as a means to reduce level of pollution to the Nongko River that in the past often used for defecation.

Map QPR 15 East Java-4a Mini ESP Update in Ambang, Lesti and Melamon Sub-watersheds



SC 0-3: Local initiatives offering appropriate solution. An exposure of local initiatives by community cadres are appreciated by a group of journalists. ESP opens opportunities for local initiatives to be shared with other communities and presented to wide audience through media coverage. For instance, a number of community groups are interested in conversion of cow dung to biogas as a domestic source of energy building on results in Argosari, Jabung, Kab. Malang.

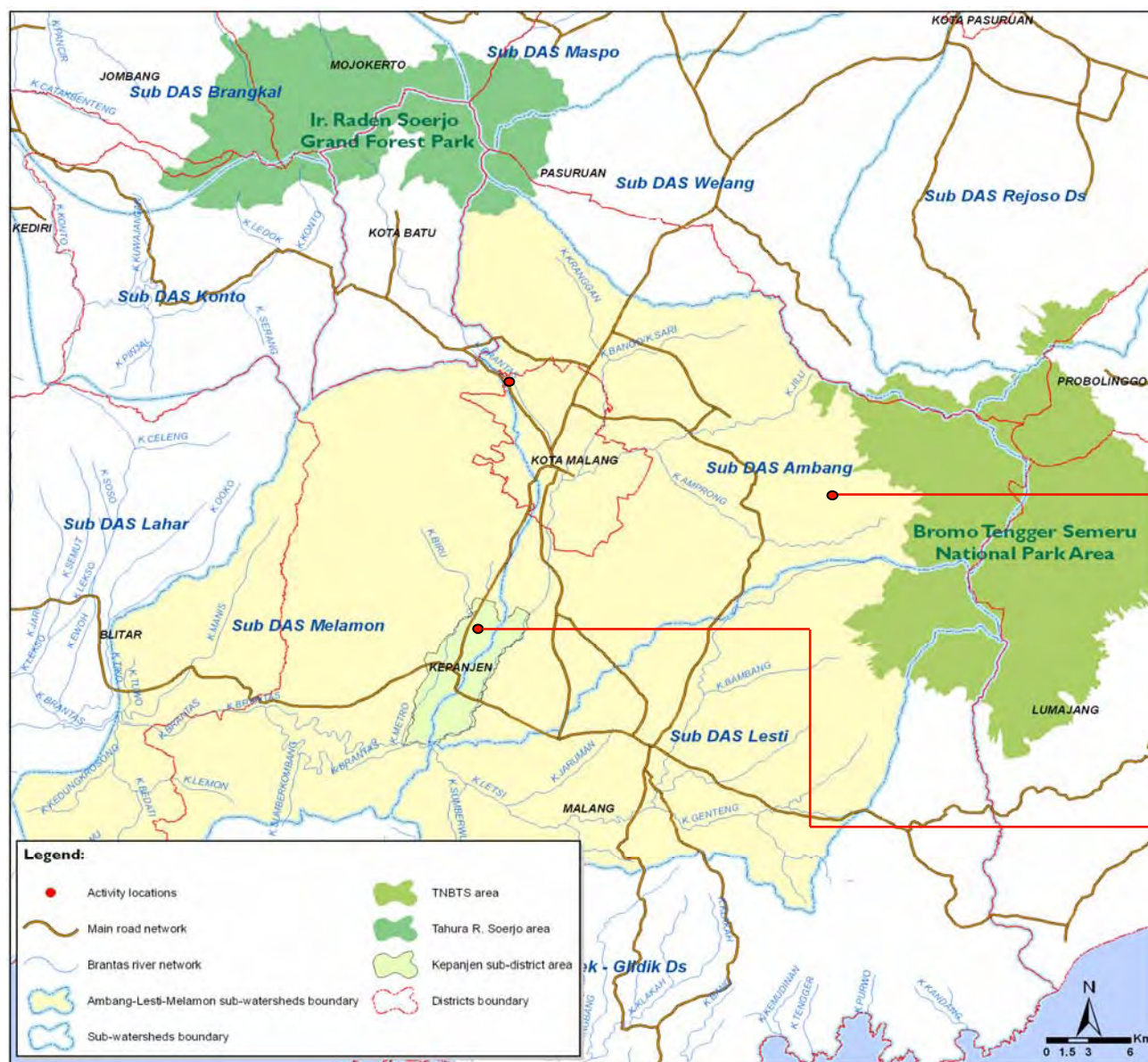


SC 0-3: Work with media to raise awareness of decision makers leading to concrete actions. A radio talk show program is being aired. As part of MMC, ESP raised issues related to environmental and health issues that can be addressed by taking local solutions into consideration for a sustainable results.



WS 2-1: Infiltration wells for spring protection. A Watsan assessment team is visiting an area of infiltration wells Pakisaji, Kab. Malang. A combination of rehabilitation and civil works are underway to protect springs used by PDAM in Kab. Malang. ESP supports the activity as a joint effort that TNBTS, Perhutani, and PDAM need to implement to protect and conserve springs in the area.

Map QPR 15 East Java-4b Mini ESP Update in Ambang, Lesti and Melamon Sub-watersheds



SD 5-2: Sanitation improvements building on field school.

Sanitation facility is being developed in Argosari, Kab. Malang. Local government of Kab. Malang provided funding for development of four sanitation facilities in ESP's field school locations. The local government sees that integrated approach is needed to bring about greater impacts on human's health.



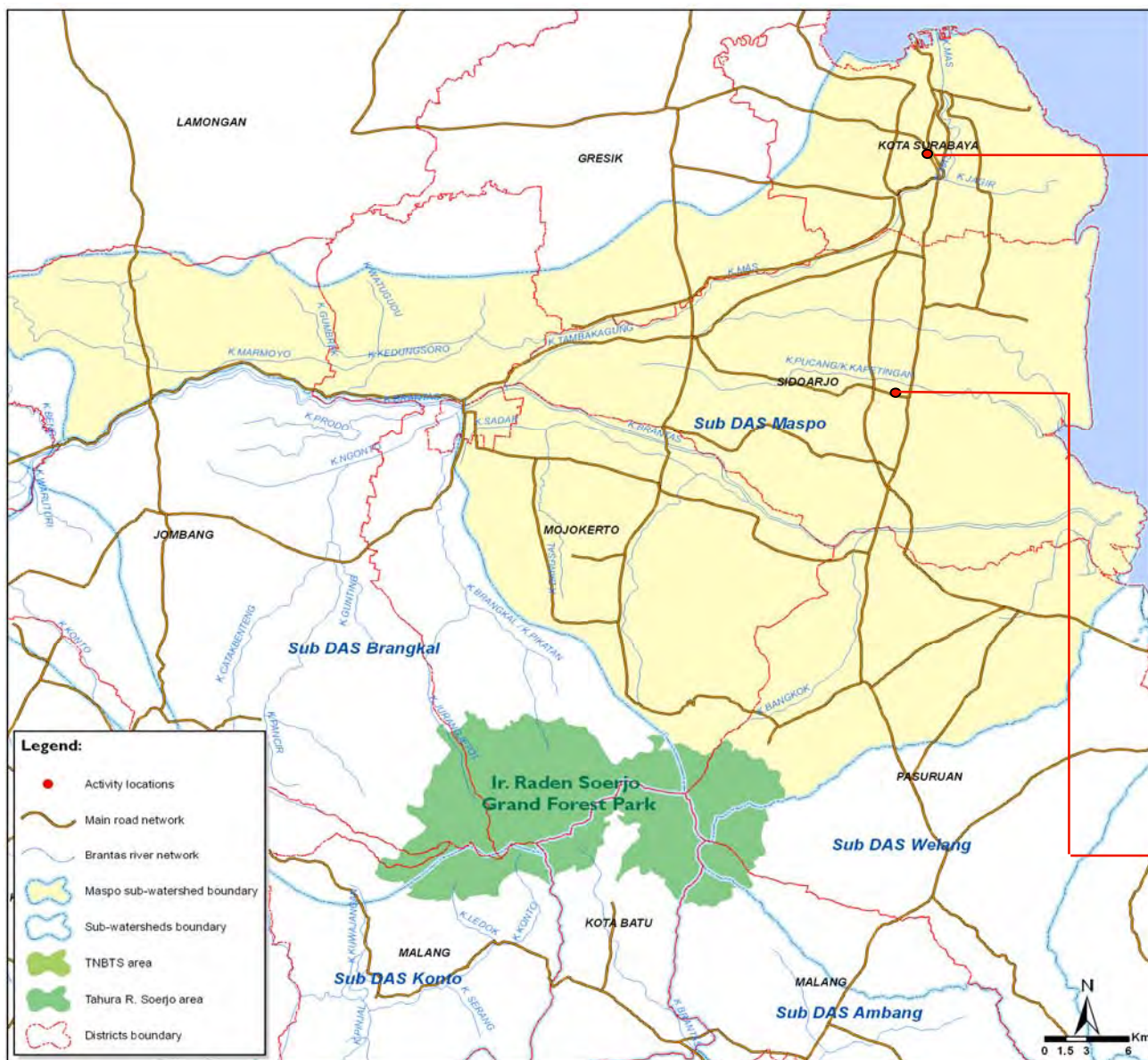
WS 2-1: Field school alumni continues forest rehabilitation.

A farmer group is replanting critical land in Desa Benjor, Tumpang, Kab. Malang with Cemara and Albasiyah. The event is organized by LKDPH and TNBTS under GNRHL initiative. The field school alumni develops the program as a follow up action and gets TNBTS, LKDPH, local NGOs involved in the efforts.



SC 1-2: Students are effective cadres promoting HWS. Four trained students of SD Panggungrejo IV, Kab. Malang are presenting fecal-oral transmission during upacara bendera event. In addition, three other schools in Kota and Kab. Malang also use similar events to promote HWS. During the quarter, as many as 1,142 students have been exposed to various health campaign, particularly HWS.

Map QPR 15 East Java-5 Anchor Site in Surabaya and CGH Update in Sidoarjo (Maspo Sub-watershed)



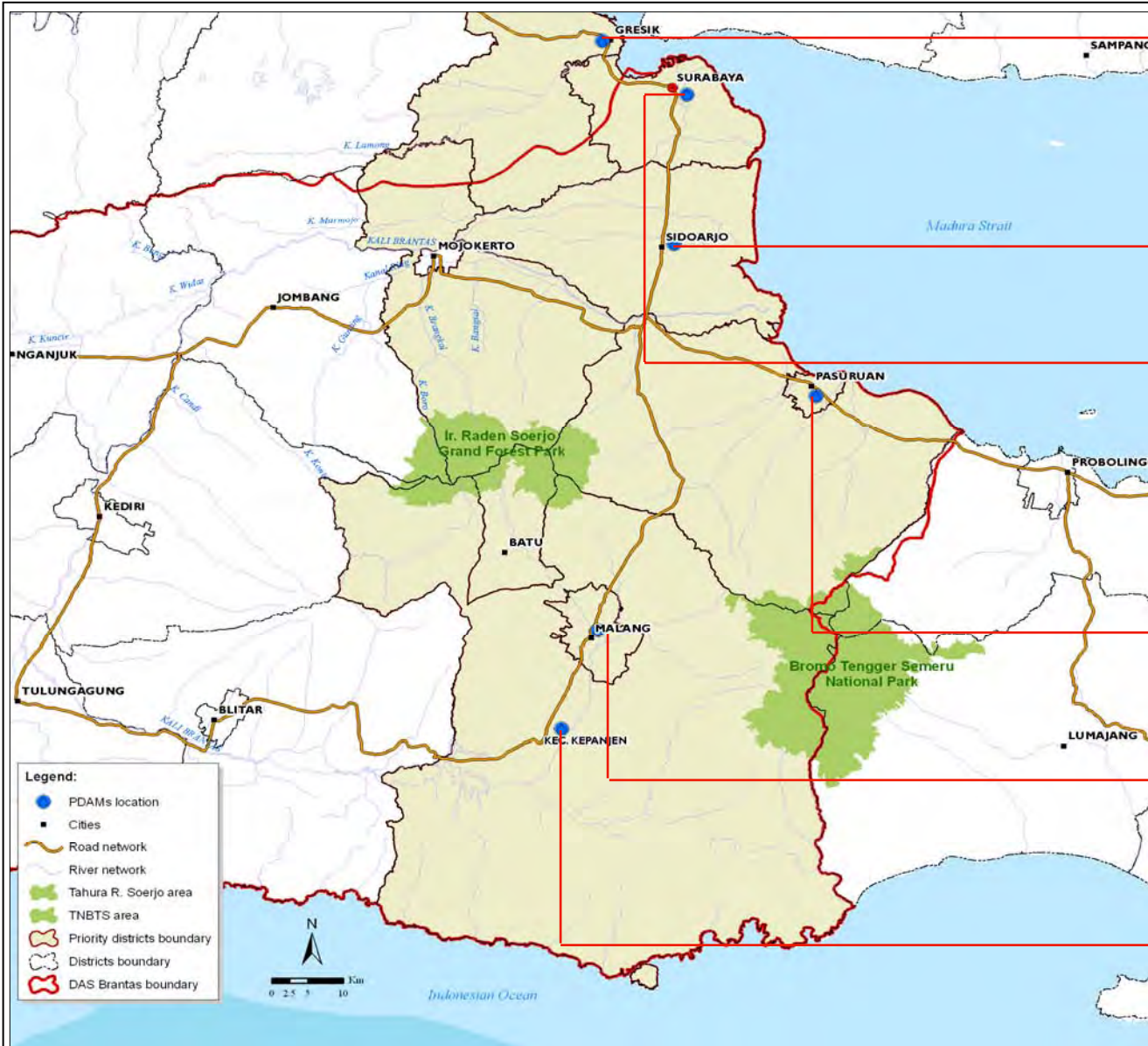
SC 2-1: Global Hand Washing with Soap Day reaffirms importance of HWS for improved health. US Consul General Caryn McClelland is leading students to practice proper HWS. During the event, around 800 students and other participants practiced the HWS. Dyah Katarina as head of PKK Surabaya assured that Surabaya is committed to support healthy family initiative by various means, including HWS.



SC 1-1: Media is effective in disseminating health messages. As many as 22 media representatives are attending a media gathering where the city of Surabaya, ESP, SWS, and HSP jointly present facts on health issues in the city and efforts being undertaken to improve people's health. The media audience learned that HWS is as an effective means to help improve people's health as it is simple and cheap to practice. In the end, it will help reach a state of Indonesian healthy family.



SD 2-3: Piped water helps Lemah Putro to improve health. A community-based water supply system is being handed over to a CBO that will operate and manage the system. The people of Lemah Putro are happy, since they can spend less to get water. In the past, they had to spend more to get water from water vendor. In addition, provision of the piped water connection is also hoped to improve the local people's health.



- Assist business plan development
- Support debt restructuring plan
- Assist GIS implementation



- Help develop investment plan
- Assist GIS implementation
- Provide micro-credit promotion



- Develop energy efficiency program
- Prepare grant agreement and manuals for the OBA
- Support GIS implementation
- Assist micro-credit promotion



- Help develop assets inventory
- Support debt restructuring plan
- Assist customer satisfaction survey



- Support real demand survey
- Assist micro-credit promotion
- Support GIS implementation



- Support corporate planning
- Help prepare investment plan
- Support spring protection program
- Assist micro-credit promotion

SECTION 2.6.

PAPUA PROVINCIAL SPATIAL PLAN DEVELOPMENT

INTRODUCTION

USAID's Environmental Services Program (ESP) is providing technical support to the Governor of Papua and the provincial Bappeda office to develop a Spatial Plan that meets GOI regulations while simultaneously supporting the Governor's vision for village-based development (RESPEK). Additionally, ESP is providing technical support for the development of regulations to encourage investment in biofuels and oil palm plantations that are consistent with forest conservation and sustainable development in general. During the fourth quarter of 2008, October to December 2008, ESP initiated this technical support towards program targets in the Work Plan for ESP in Papua.

While Papua is arguably Indonesia's richest province in terms of natural resources, enjoying special autonomy and low population density, poverty is widespread. The Governor has termed this unfortunate circumstance *The Papua Paradox*. The majority of Papua's population remains poor, "even though they live among abundant natural resource riches," explained Governor Suebu in 2007.

A critical step necessary for sustainable development planning in Papua is the preparation of a provincial Spatial Plan that is widely respected by government agencies, the private sector and the people of Papua themselves. This plan should guide major infrastructure development as well as forest and other land use options, providing a legal framework for natural resource allocation as well as managing disputes over natural resource classification and use. To achieve this, it must be both technically sound, supported by National and Regional law, while enabling the Governor's vision for people-based development. Furthermore, the process must be carried through to subsequent revision of the legally-approved Spatial Plan.

Building a Legacy for Sustainability

Local ownership of the development and revision process for the spatial plan is pivotal to achieving an enduring and successful approach to spatial planning for Papua Province. This approach contrasts to the conventional approach of out-sourcing to a consulting company, which typically yield results that neither reflect the way people arrange their lives nor the imperatives of natural resource management in support of sustainability. ESP has identified 4 interrelated elements which will build a legacy for sustainability. Each element is strengthened by ESP assistance, yet each is also capable of surviving beyond the lifetime of such support.



PENA INDONESIA

A workshop on integrated and comprehensive Papua spatial planning was conducted on November 19, 2008 in Jayapura.

1. **GOVERNMENT LEAD.** First and foremost, the provincial Bappeda is taking the lead to frame a spatial plan for the province, with the intention of taking it to the people through proper public consultation.
2. **CIVIL SOCIETY COMPLEMENT.** Some national and local grass-roots conservation and participative mapping NGOs (WWF and CI, as well as PPMA, respectively), each with long experience in people-based ecosystem management, are being invited to contribute to the spatial planning process. This represents a difficult but essential component of a dynamic dialogue between government agencies and civil society.
3. **PEOPLE-BASED.** A high priority is being placed on geo-location of local communities, in other words, “*Putting People in the Plan*”. This is consistent with the Governor’s vision and untypical for conventional spatial planning in Indonesia.
4. **TRANSBOUNDARY ISSUES.** While the emphasis of the spatial planning is for Papua Province, ESP will not lose sight of the importance of another vision of the Governor and the trans-boundary reality of marine and terrestrial spatial planning, namely, “*two provinces, one Papua*”. Indeed, this principle of trans-boundary issues has resonance with Papua Province itself as new Kabupatens (and perhaps even new provinces) are formed which share a common cultural and biophysical heritage.

MEETING ESP APA TARGETS

ESP is building local capacity to ensure an enduring and successful approach to spatial planning beyond the lifetime of APA support. ESP has 2 specific targets for its work in Papua province, to be achieved by September 30, 2009. These are separated into 3 phases: Phase 1, 2 and 3 of the APA Workplan. Of the following 2 specific targets, Phase 1 focuses on preparing the groundwork for first target.

Target 1. Preparation, socialization and submission of a provincial Spatial Plan that meets GOI legal requirements as well as embracing Governor Suebu’s vision of people-based development towards sustainable natural resources management.

Target 2. Preparation and socialization of legislation codifying investment requirements for private sector involvement in sustainable biofuel and palm oil plantation.

ACTIVITIES IN THE FIRST THREE MONTHS OF ESP APA

The first 3 months of ESP activities in Papua (constituting the fourth quarter of ESP activities in 2008) of October to December 2008, have focused on the first phase of ESP APA in Papua, namely, program start-up and mobilization, consisting of the following:

- **ESP Papua staff recruitment,** mobilization and training.
- **ESP office establishment** in provincial Bappeda office includes equipment procurement and establishment of administrative and financial systems.
- **Initial consultations** with provincial Bappeda and other stakeholders from government and NGOs.
- **Facilitation of ‘hand over’ workshop** to review findings from the World Bank-funded Sekala SEA and introduce USAID’s support for Spatial Plan development through ESP.
- **Assessing support needs.** Identify types of support such as capacity building, hardware and software needs for spatial planning at Bappeda.
- **Development of ESP Work Plan,** in close consultation with provincial Bappeda.
- **Initial technical assistance** in Spatial Plan development and GIS capacity building.
- **Preparation of SOWs and bid documents** for possible sub-contracts.

Activities undertaken this quarter under Phase I of APA in Papua include:

- **ESP APA Close Collaboration with Papua's Provincial Bappeda.** Perhaps the most significant of APA achievements in the first 3 months of its existence in Papua has been the quick development of a trusting relationship with our Bappeda hosts, manifest in the ready provision by Bappeda of office space in the provincial Bappeda office building. This has ensured regular, day-to-day collaboration and coordination between ESP technical staff and our Bappeda counterparts including:
 - The Head of Bappeda, Bapak Alex Rumusebu,
 - Bappeda's various technical sections concerned with spatial planning led by Bapak Kris and
 - the specific spatial planning sub-section under Bapak Daswil.

Bappeda has been consulted regarding all major program decisions, including development of and detailed scheduling of the Work Plan, preparation of Scopes of Work consistent with Bappeda's own gap analysis, and final selection of consultants.
- **Regional Management.** One of the first steps of ESP APA in Papua was to select a team to administer ESP APA in Papua Province consisting of:
 - A respected Regional Coordinator with long natural resource and watershed management experience in Papua to administer the program, Ibu Evie Adipati.
 - Ms. Adipati is assisted by Ibu Ella and
 - Ibu Marthina, who also has experience in participative village mapping and is therefore familiar with the people-based imperative of spatial planning.
- **Technical Assistance – (a) Medium-term technical assistance.** ESP is close to identifying and obtaining approval for medium-term technical assistance in Spatial Planning, Geographic Information Systems (GIS), Policy and Institutional Development. Indonesian Specialists will be based full-time in Jayapura, working out of ESP's office provided by the provincial Bappeda. Specialists include:
 - An expatriate Environmental Governance Advisor (EGA), Chris Bennett, has made monthly visits of about a week's duration in Papua, currently spending the majority of his time in Papua during the start-up phase of ESP APA there (he has also been involved in ESP APA establishment in Nanggroe Aceh Darussalam or Aceh).
 - Preferred candidates for the GIS position, Bapak Novaldi, and the Policy and Institutional Specialists, have been enthusiastically approved by Bappeda.
 - An ideal spatial planning specialist candidate, Ibu Sulistyowati, is currently employed by West Papua for their spatial planning needs and should at the very least prove to be a valuable source of cross-learning with the neighbouring province.
- **Technical Assistance – (b) Short-term technical assistance.** Gaps identified by Bappeda as well as other spatial planning technical needs were identified.
 - Ms. Nonette Royo, Head of the Samdhana Foundation that supports local NGOs in West Papua and Papua Province, was approved by Bappeda and selected as the Land Tenure Specialist.
 - Potential candidates for Economic Resource Valuation, and Carrying Capacity were identified. Both positions should provide important analytical inputs to the various spatial scenarios that will be developed under more in-depth and dynamic Strategic Environmental Assessment (SEA) to inform spatial planning alternatives (see below).

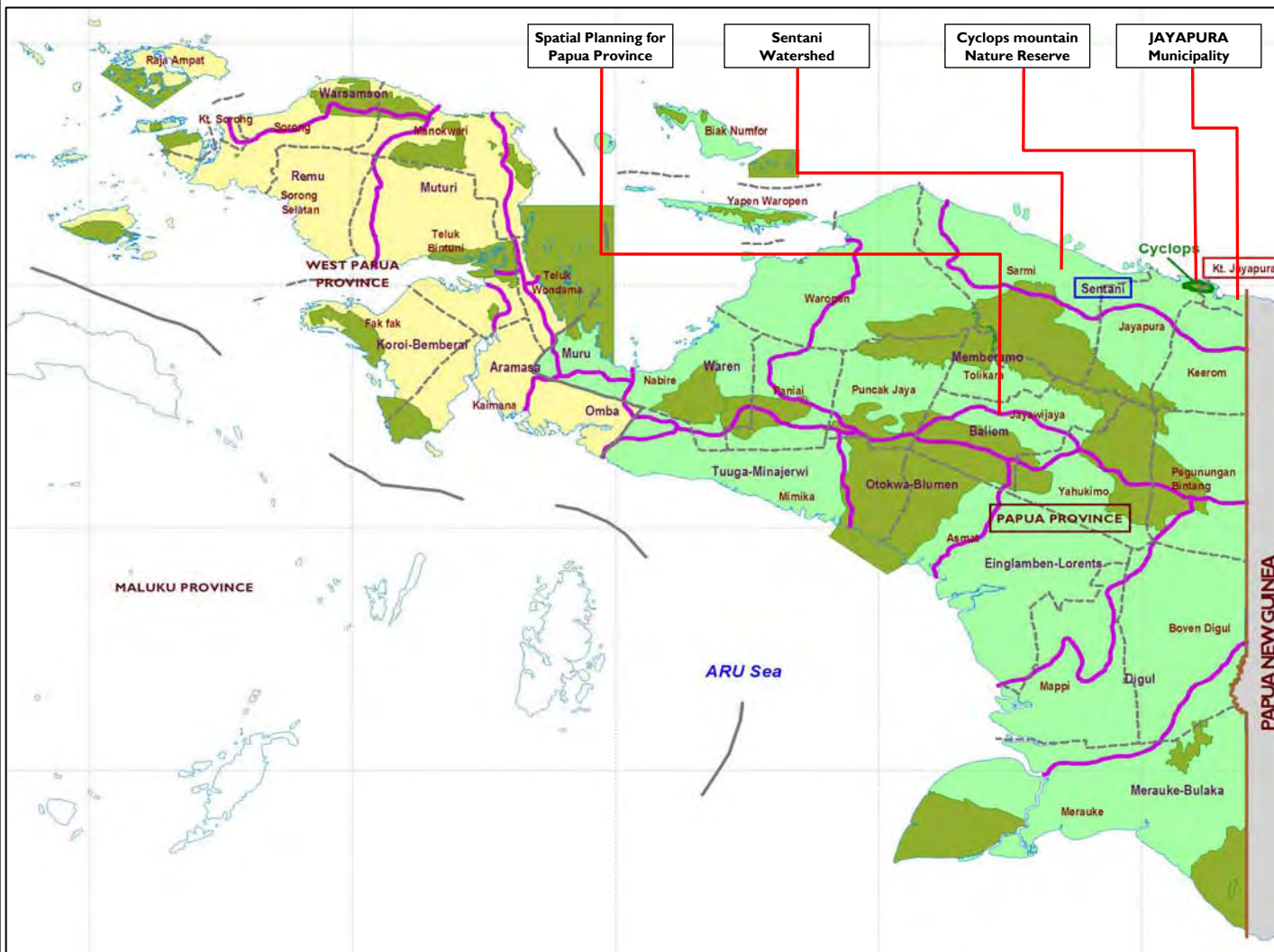
- The first substantive input into the spatial plan focused on the key issue of geo-location of local communities in the spatial plan, in other words “*Putting People in the Plan*”. This is a complex issue, arguably more problematic but no less important since implementation of RESPEK’s direct fund allocations to villages leading to proliferation of declared villages. ESP specialist, Bapak Sigit and GIS Specialist Bapak Novaldi visited BPS and the Papua Knowledge Centre to explore to local community geo-location in the spatial plan.
- Bapak Sigit also provided a detailed schedule for spatial planning preparation based upon the formal schedule provided by Bappeda.
- A short term consultancy for GIS, conducted by Bapak Novaldi (also a potential GIS Specialist candidate) identified infrastructure, hardware and software needs for Bappeda to carry out the spatial planning process. Bappeda was so impressed by this work that it decided to relocate their GIS laboratory inside the Bappeda main building from where it had fallen into neglect elsewhere in Jayapura.
- **Sub-contracts.** A Scope of Work was prepared for the further development of Strategic Environmental Assessment (SEA) to inform the preparation of the Spatial Plan through development and dynamic analysis of credible spatial planning scenarios. A sole-source sub-contract, in the first instance for 4 months, was offered to Sekala that had initiated an SEA for spatial planning funded by the World Bank. The idea was to conduct work that coincided with Phase 2 of ESP APA with a focus on nearby highland and lowland regions in the Mamberano river basin as well as the Jayapura urban and periurban area. This intention was discussed with Bappeda and understood that it would dovetail with other support for Bappeda as the lead spatial planning agency.
- **Facilitation of coordination workshops and meetings.** Appropriate facilitation of and contribution to workshops and meetings has become an early feature of ESP APA in Papua.
 - ESP APA facilitated an introductory spatial planning workshop in Jayapura on 19 November 2008, bringing together government and civil society stakeholders to better understand the Spatial Planning challenges faced by Papua province. Something of a new experience for Bappeda, such a working meeting with civil society organizations represented an important intention to initiate active dialogue with NGOs that have significant experience in conservation and people-based ecosystem management in Papua, notably, Greenpeace, CI and WWF and the grass-roots PPMA as well as Papua-based Universities such as the University of Cendrawasih (UnCen).
 - ESP APA informed both ESP APA Aceh and Bappeda Papua about the visit of Governor Suebu (accompanied by Bapak Daswil) to Aceh’s GIS datacenter under the BRR and managed by our partner Bapak Yakob of the Aceh Green Transitional Secretariat. Given the similarity of key elements of Aceh Green and RESPEK, there exists the potential for future cross-learning visits.
- **Leveraging of additional technical support.** ESP APA, although focused on the technical aspects of developing a provincial Spatial Plan in accordance with GOI regulations, has also recognized the importance of an on-going, broad-based and inclusive consultation process that engages civil society in achieving a politically accepted and respected Spatial Plan. This is particularly complex in Papua given the breadth and diversity of land tenure and community, known as *adat* rights. ESP APA has strived to leverage technical support and data inputs through partnerships with knowledgeable NGOs like WWF, CI and PPMA as well as government agencies in Jayapura.

- ESP APA was invited to 2 other NGO meetings in Jayapura, with a follow-up meeting in Jakarta to discuss ESP APA-mediated spatial planning dialogue with Bappeda, a forthcoming workshop on participative village mapping which the Governor will be invited to open. Future training in High Conservation Value (HCVF) forestry for spatial planning and the international biodiversity conference in Papua scheduled for September 2009.
- Engagement with other government agencies in Jayapura with data sets that can and should be employed in spatial planning, notably, regional BPS and Forestry Service as well as the Regional Agency for Forest Management under the Ministry of Forestry.
- **Collaborating with other donor initiatives.** Recognizing that other donors or supporting initiatives could significantly enrich the process of developing Papua's Spatial Plan, ESP APA has engaged accordingly to add value to the spatial planning process with due consideration to appropriate donor inter-relations.
 - 3 meetings were held with DfID-MFP, that resulted in useful briefings about the social landscape in Papua Province, including contacts in Jayapura that proved important in the implementation of the 19th November workshop and the early establishment activities of ESP APA in Papua.
 - Meeting with the Dutch Government alerted ESP APA to possible alternative conservation financing through the development of a REDD pilot initiative.
 - ESP APA met with Dr. Jim Davie and his team providing inputs on development opportunities in Papua as input to the development of a new country strategy for USAID.
- **Forging links to the broader ESP program.** ESP APA forged links with and drew technical support from the broader ESP program to bridge the gap while the long-term team was being mobilized in Papua Province. Thus, Bapaks Sigit Widodo and Nofaldi provided short-term technical support in Spatial Planning and GIS (see above). Sigit Widodo comes from ESP's Yogya office and brought a wealth of experience in provincial spatial and development planning as well as policy development. Nofaldi worked with ESP for more than 2 years and is trained in ESP GIS software applications and Development Pathways which manage to link various administrative levels required for achieving effective spatial planning.



USAID
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Map QPR 15 Papua - I Location of ESP Activities for Papua Province



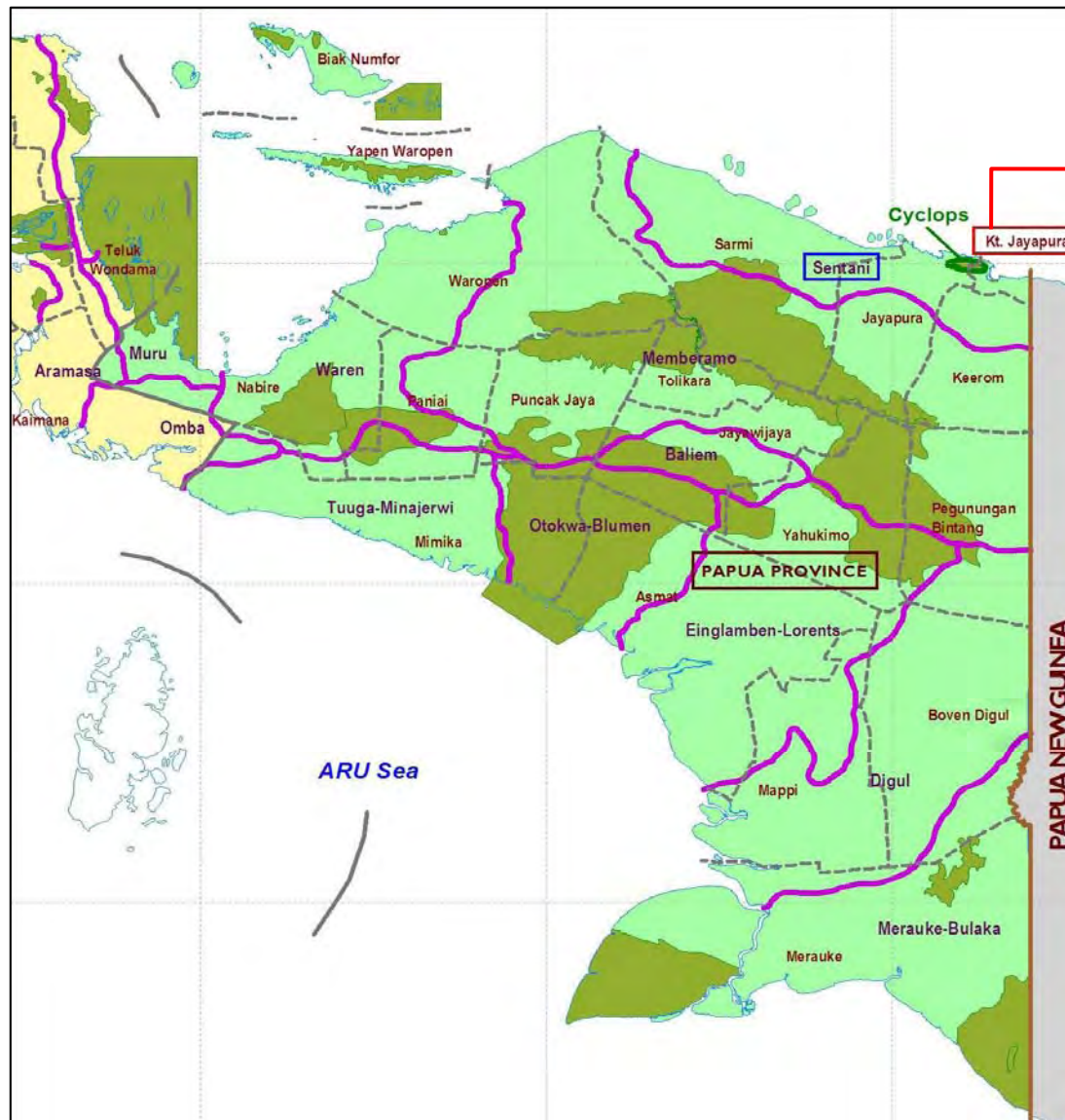
Legend:

- Watershed Boundary
- District/ Municipality Boundary
- Provincial Boundary
- State Boundary
- Sarmi Name of District/ Municipality
- Sentani Name of watershed
- Conservation Area with High Bio-diversity value
- Priority Province:
 - Papua Province, Spatial Planning Program
- Priority District
 - Jayapura Municipality
- Priority Watershed
 - Sentani Watershed
- Priority Conservation Area
 - Cyclops Mountain Nature Reserve

Map of Indonesia



Map QPR 15 Papua - 2 Spatial Planning Program for Papua Province



Conducted workshop on integrated and comprehensive spatial planning for Papua provinces with Provincial Development Agency (Bappeprov) and Dinas's



Conducted assessments on current provincial spatial planning activities and Geographical Information System capacity building to support spatial planning program for Papua Bappeprov

SECTION 2.6.

ESP EASTERN INDONESIA

INTRODUCTION

ESP received a request from USAID on September 24, 2008 to submit a proposal for an expansion/ extension of the current ESP program to three cities in eastern Indonesia: Manado, Ambon and Jayapura. Funding for this expansion program originates from the Dutch Embassy in Indonesia and is geared towards supporting increased access to water and sanitation services to the population of Eastern Indonesia. ESP submitted the proposal on October 24, 2008 and, after receiving formal acceptance by mid-November, the contract modification between USAID and DAI was signed on December 3, 2008.

This program will be implemented until March 31, 2010 and its main focus will be to strengthen the performance of Water Utilities in Ambon and Jayapura and to introduce Citywide Sanitation Programs (covering Waste Water, Solid Waste, and Drainage) for Manado, Ambon and Jayapura, which are already successfully implemented by ESP in other cities on Java and Sumatra. In addition, ESP will support a Micro-Credit program for new customers of PT Air Manado. Master Meter programs (known in Indonesian as Meter Komunal, or “communal meter” programs) will be implemented in poor communities in all three cities. Health and Hygiene promotion programs will also be facilitated in the three target cities. Raw water specialists will work in Ambon and Jayapura to select critical raw water sources in need of protection and subsequently work with local communities, local government and PDAM to develop model protection plans.

PROGRESS

ESP conducted the following activities in preparation for the new program in Eastern Indonesia:

- Initial Visit to Ambon, Jayapura and Manado.** ESP teams visited all three locations: Ambon and Jayapura in September and Manado in early December. During these visits, ESP teams held discussions with PDAMs (PTAM for Manado) and Local Government on the proposed ESP programs to improve access to piped (PDAM) water as well as to support the development of citywide sanitation strategies and action plans. Response by all parties was very positive, especially because the ESP team explained the flexible nature of the program and its demand-oriented approach that can work with the specific conditions of each respective city, while utilizing the experience of the current ESP programs implemented in other cities.



Google Earth depiction of poor fishing port in West Jayapura City, where the community and PDAM is requesting application of the Communal (Master) Meter System.

Especially in Manado, meetings with Local Government were very positive and a second meeting rapidly resulted in detailed discussions on the composition of Pokja Sanitation and preparation of SK Walikota, which will include commitment by PEMDA to cover routine expenses of Pokja Sanitation.

The ESP team conducted field visits in densely populated urban poor communities in all three cities. These sites were identified and accompanied by PDAM and PEMDA staff. Some typical examples of current difficult living conditions for poor communities include:

Jayapura: Poor fishermen families are unable to access piped (PDAM) water because they are living above the water.

Ambon: Low income families in very densely populated neighborhoods depend on unreliable, contaminated private boreholes and public hydrants for their daily water supply.

Manado: Roughly 100 poor families in the densely populated area of central Manado use an MCK that has been unusable for the past two years. Without toilet facilities, the community is forced to directly use the Tomohon River or plastic bags.

Meetings by the ESP Finance team with PT Air Manado and BRI Manado branch (+ 15 BRI units) resulted in strong potential collaboration on the implementation of a substantial Micro-Credit program, which will nicely compliment the plan by PTAM to connect 25,000 new households within coming year and a half. Three meetings with TID (Tirta Inti Drenthe, holding 51% of the shares of PT Air Manado and PDAM, holding the remaining 49%) and WMD (Dutch Water Utility, which owns 100% of TID) resulted in their positive support and a request to continue preparing a Draft Agreement between BRI / Manado and PT Air Manado.

- **Expansion Program Introduction to Central Government.** ESP informally introduced the new program to the Directorate Housing and Settlements Bappenas, and the Director General of Cipta Karya, Ministry of Public Works. Both Ministries are very supportive of the planned support by ESP for these three cities, because they have not received significant attention from donor agencies or Central Government Ministries in the past, especially with regard the introduction of Citywide Sanitation Strategies. The Ministry of Public Works informally promised to support investment plans for PDAM Ambon and Jayapura, provided the investment plans they submit are realistic and demonstrate



FOORT BUSTRAAN/ESP JAKARTA

Tondano River in Manado (Singil sub-district), receiving waste water directly from Public and households toilets.



ESP JAKARTA

Non-functioning Public Toilet (MCK) in Manado, Kecamatan Singil; Kelurahan Karame, which was also directly discharging in river.

improved PDAM operation, especially with regard to reduced Non-Revenue Water and increased billing efficiency. Both Ministries are also very interested to support concrete plans to increase sanitation systems. Directors of both Ministries agreed to join in meetings in the respective cities to promote these programs.

- **Meetings with UNICEF, Mercy Corps, CARE.** During the proposal phase, ESP met with Mercy Corps and CARE, who will be implementing community-based WATSAN activities in Ambon city and Jayapura city, under a subcontract with UNICEF and funding from the Dutch Embassy. Dutch funding to UNICEF includes an extensive community-based program in selected poor communities as well as technical support for the development of general citywide sanitation strategies for Ambon and Jayapura. After the proposal was approved by USAID, ESP conducted follow-up meetings with Mercy Corps, CARE and UNICEF. All parties welcome the detailed technical support, which can be provided by the local ESP teams to strengthen their respective programs. All parties agreed on the importance of close communication, to create win-win partnerships and avoid unnecessary overlaps or conflicting information. Further arrangements for collaboration, including joint work planning, will be made at the field level as soon as ESP opens its field offices in January 2009.
- **Water for the Poor Workshop + Follow-up Meeting.** Directors of PDAMs Ambon and Jayapura were invited to join the "Water for Poor" workshop, organized by ESP on 15th December in Jakarta to learn more about the Micro-Credit and Master Meter systems already implemented by ESP and PDAM in other cities in Indonesia. During this workshop they also met the USAID Mission Director, Mr. Walter North and ESP CTO, Mrs. Trigeany, as well as other members of ESP and representatives of Central Government Ministries of Bappenas and Public Works.

On December 16, ESP arranged an initial work planning meeting with PDAMs Ambon and Jayapura and ESP PDAM Specialists and USAID staff. Both PDAMs agreed with the draft workplan and requested to prepare separate MoUs with each PDAM (on Water Supply) and Local Government (on citywide sanitation programs). The MoU will be signed by PDAM directors and PEMDA and witnessed by respective mayors. If possible, USAID mission director and Mr. Budi Juwono, DirGen Cipta Karya, will be invited to attend the signing, scheduled to the end of January 2009. PDAM Jayapura director also informed ESP that the planned splitting of PDAM Jayapura between Kota and Kabupaten, has been cancelled for the time being. PDAM requested the ESP team to assist PDAM and 2 PEMDA in determining the best way to share ownership of one PDAM by two local governments.



FOORT BUSTRAAN/ESP JAKARTA

Poor fishermen area on West-site of Kota Jayapura , nickname Vietnam, where community and PDAM is requesting to apply communal (master) meter system.

- **Staff and office mobilization.** ESP already arranged a complete team during the proposal stage, which is a mixture of existing ESP staff willing to relocate to the new cities, as well as new Specialists. After the contract was signed with ESP, ESP directly initiated formal contract negotiations with the entire team. Only one of the proposed staff (Community-based WATSAN Specialist for Manado) had to be replaced, because the proposed specialist opted to continue working abroad instead. An agreement with the new specialist, an ex-ESP WATSAN specialist from Aceh, has been made and details have been forwarded to USAID. The Eastern Indonesia Advisor will be hired from December 17th to help with all preparation work. The remaining team members will start early Jan 2009 for a period of 14 - 15 months.

In January 2009, ESP will also select the Administrative staff (all three cities) as well as the Field Assistants for Micro-Credit (Manado), Health & Hygiene Promotion (all three cities) and Raw Water Protection (Ambon and Jayapura). Also suitable office space will be rented and office equipment procured.

Map QPR 15 Eastern Indonesia Expansion Cities - I Location of ESP Activities for Eastern Indonesia Expansion Cities



Legend:

- Provincial Capital
- ★ Eastern Indonesia Expansion Cities
- National Boundary
- Provincial Boundary



SECTION 3

NATIONAL & PROGRAM MANAGEMENT UPDATES

INTRODUCTION

In this Section, we present significant achievements related to Program Management as well as a more detailed account of program activities at the National level. This Section is divided into the following Sub-Sections:

Section 3.1 Program Management Updates

Section 3.2 National Updates

SECTION 3.1

PROGRAM MANAGEMENT UPDATES

INTRODUCTION

Section 3.1 highlights National Updates on broader Program Management issues, including the Small Grants Program, Monitoring & Evaluation, and Gender.

SMALL GRANTS PROGRAM

Up to this quarter, ESP has committed to funding a total of 56 small grants, totaling US\$819,000. During PY 4, ESP committed 26 grants, 3 of which were completed this quarter. Therefore, in addition to a total 39 grants already completed prior, these additional 3 yield a total of 42 completed grants to date. These 42 completed grants account for approximately 75% of ESP's total commitment, illustrating that ESP is on track to fulfilling its goals. The remaining 14 grants are currently in progress and located throughout Aceh, North Sumatra and West Java.

The PY 04 grant distribution is as follows:

No.	Region	# of Grants	Total Grants Rp.	Total Grants \$
1	Aceh	1	186,000,000	20,667
2	North Sumatera	4	381,591,000	42,339
3	West Java	10	738,133,000	82,015
4	Central Java/D.I.Yogyakarta	5	665,306,000	73,923
5	East java	5	572,180,652	63,576
6	DKI Jakarta	1	225,000,000	25,000
	Total	26	2,768,210,652	307,520

The small grant programs vary from community-based land and forest rehabilitation, sanitation and solid waste management to increased access to clean water and behavior change trainings for improved health and hygiene across the 6 HPPs.

A Legacy for Sustainability



Many technical approaches in grant program implementation are being used as models for others interested in implementing similar programs on a larger scale. For example, the successful Rp.250 million Water for the Poor water meter grant program is now being replicated by the World Bank to connect 3543 household in Belawan I, Belawan Bahagia and Bagan Deli. The project is being funded by Local Government, PDAM and the World Bank totaling approximately Rp.5.8 billion. The government has already committed to expanding the program further and plans to allocate Rp.7 billion.

Another successful Master Meter grant program in Lemahputro, Sidoarjo, East Java is a pilot program with

planned future expansion by the government. For years the community has not had access to clean water but now a small number of households are experiencing a new life with clean water directly connected to their homes. Nearby witnesses of the plan's success are now eager to have their homes connected to the water distribution pipe. The government is committed to program expansion.

Solid waste management “ambassadors” emerged in Tamansari, Bandung after ESP assisted one administrative unit in solid waste collection, separation, and the production of handicrafts made from plastic waste to supplement household incomes. With ESP funding, Ibu Lyom traveled like an ambassador across Aceh and Java to share her knowledge with the hope of improving the economic status of poor families and the environment. Her experience was also shared amongst other donors from countries including the Netherlands, Norway, Australia and Japan. Even students from The Padjadjaran University in Bandung came to learn about solid waste management from the ambassadors in Tamansari.



Local Government, the private sector, and the community, are working hand-in-hand in contributing and planting trees to protect springs in ESP's integrated sites. K3A, an ESP grantee, became the facilitator in the tree planting movement whereby 3,800 trees were planted on 7.5 hectare of land in Kecamatan Lembang. This movement was lead by the wife of the Deputy Governor of West Java.

PBNU with the village conservation model in West Java, is beginning its work with 3 villages and has plans for future replication in all villages in Kabupaten Sukabumi.

With the success of the Clean, Green and Hygiene program in one village in East Java, Pengurus Wilayah Muhammadiyah (PWM) Jawa Timur is submitting an unsolicited proposal to work on the Clean, Green and Hygiene program as an expansion of the successful CGH program implemented in Paciran (East Java) during the 3rd year of ESP's East Java program. Upon completion, this program will have a tremendous impact because it will be replicated at all education levels of Muhammadiyah in at least 4 Kabupatens in East java.

Sharing Lesson Learned

Oftentimes, stakeholders do not have time to visit a grant program and witness the positive impact it provides to the community or larger region. However, by learning about achievements made with grantees and target communities, similar or improved programs can be replicated and expanded geographically with funding support by the Local Government and other partners. As a result, ESP is facilitating mini-seminars in each region in the near future. Best practices implemented by each grantee will be shared among NGOs and other stakeholders, including the beneficiaries(See Appendix B).

GENDER

During the first Quarter of FY 2009, the ESP Gender Program made gradual progress towards its objectives. Several ESP Regional Teams are continuing to integrate gender aspects in their regular activities at the regional level. The following gender-related activities were conducted:

In West Java, a gender session was integrated into the Clean, Green and Hygiene training for posyandu cadres in Cinagara village (Bogor district) and Cikidang village (Bandung Barat district). A total of 60 participants (11 men and 49 women) took part in the training. Small group and plenary discussions were the main approaches used to discuss issues surrounding the definition of gender and its relevance in the participant's daily community activities, both domestic and social.

In North Sumatra, the gender aspect is integrated in the Field School program on Water Saving (*Sekolah Lapangan Tabungan Air*). The TOT for Field School facilitators was participated by 22 participants (10 women and 12 men), members of WSM Forum "Formasi Pelita Kasih Sibolangit", staff of BPDAS Wampu, Sei Ular, and PDAM Tirtanadi. The gender aspect was discussed as part of the session "Participant Selection of the Field School *Tabungan Air*". In this session, participants identified other participants by analyzing two different categories of people. These categories include "those who have concern" and "those who should join" the Field School to learn water and land conservation. From this discussion, we obtained the following responses:

- Community members who own the land and manage the land by themselves (men and women)
- Other community members who are residents of the kampong (men and women)
- Policy makers at the village level
- Private sector at the vilalge level (tourism bussiness)

Later, in the village-level sessions, the Field School facilitators agreed to invite representatives of the above groups. From this group, 25 people will be selected as Field School participants. This process helps to ensure that all community sectors with concern for the conservation of land and water (including women) have the opportunity to learn and conduct activities to conserve land and water.

Other specific ESP gender activities conducted during the reporting period (October – December 2008) include the following:

- Gender Program for internal ESP Team: Discussion between National Gender Coordinators and ESP Gender STTA to prepare plans for future gender activities for FY 2009.

MONITORING & EVALUATION

ESP's Monitoring and Evaluation (M&E) for the first quarter of FY 2009 was marked by several important M&E activities. Quantitatively, ESP is approaching its fifth year by creating new TAMIS sections for FY 2009. And, after receiving the ESP extension approval, including expansion into 3 Eastern Indonesia cities and the Aceh-Papua Add-on (APA), the M&E Specialists are preparing the appropriate M&E performance plans to meet the new project demands. The expansion may affect ESP's current PMP so we anticipate having to review and edit the current PMP next Quarter.

Key qualitative M&E activities this quarter include the development of the ESP Longitudinal Study report and tools for posyandu cadres on data analysis of the Ten Minute Monitoring (Mini-Baseline). The second ESP Longitudinal Study report was submitted to the ESP CTO on November 28, 2008 and, after a review by the CTO, ESP received approval of the report on December 9, 2008. The third and fourth reports of the ESP Longitudinal Study are expected to be completed during the second quarter of FY 2009.

A Sustainable Monitoring System

Developing tools for posyandu cadres on Ten Minute Monitoring (Mini-Baseline) data analysis is an important diarrhea prevalence monitoring activity. It also serves as ESP's response to partner requests made along HPP road shows for more information about the Ten Minute Monitoring results. Posyandu cadres already take ownership of conducting these surveys, further increasing their capacity to continue implementation of the Ten Minute Monitoring on diarrhea prevalence rates rather independently, without significant ESP support. This is an important strategy allowing ESP to promote a legacy of independent monitoring at the community level in the future. The tools developed are also published as part of the Clean, Green and Hygiene Manual for the community and school.



Progress made to the regular ESP M&E activities this quarter include diarrhea monitoring through the fourth round of Ten Minute Monitoring (Mini-Baseline) surveys and data analysis. This program activity is a collaboration between ESP M&E and Health Communication (HC) Teams. The surveys are conducted by trained Posyandu cadres in 15 districts across HPPs. Regional Health Communication Specialists coordinate the data cleaning and data entry gathered from all 811 respondents. The data analysis results of this data collection round are reported in Section 4 of this report.

Regular ESP monitoring and evaluation activities are expected to continue as scheduled, including the data collection via TAMIS database for QPR 15 PMP reporting for the period October – December 2008. This data collection is conducted using TAMIS database and ESP's Small Grant Program report.

SECTION 3.2

NATIONAL UPDATES

INTRODUCTION

Section 3.2 highlights National Updates on Watershed Management & Biodiversity Conservation, Environmental Services Delivery, Environmental Services Finance, and Strategic Communication for Behavior Change.

WATERSHED MANAGEMENT & BIODIVERSITY CONSERVATION

During the first quarter of the Program Year 5 Work Plan, the WSM Group worked with ESP colleagues and partners towards addressing the Work Plan's theme of building a Legacy for Sustainability. At the national level, the WSM team worked with the Ministry of Forestry and other national-level government, international donor, NGO and private sector partners to systematically adapt ESP's robust field-based tools to national-level policy as well as into longer-term programming. Particular progress was made with the Ministry of Forestry's Directorate General for Land Rehabilitation and Social Forestry (DG RLPS), state forest company Perhutani, the Ministry of Agriculture's Directorate for Land and Water Management, and PBNU.

This quarter, the WSM Group also took steps toward achieving program deliverables and outcomes. Entering the Rainy Season in many HPPs, this quarter presented a good time to commence critical land rehabilitation and tree planting activities. Progress was made on developing, implementing and funding WSM Management Plans especially with regard to leveraging government budget allocations, and ESP stepped-up efforts to broaden and improve water resource protection initiatives in all HPPs.

Highlights from the quarter include:

- **ESP provided technical support to the Ministry of Forestry's RLPS** in drafting an Integrated Watershed Management framework in response to Presidential Decree 5/2008. Through a series of meetings, seminars and working group activities, ESP's technical support ensured that important principles and lessons learned by ESP over the past four years were incorporated in a framework that supports decentralized integrated watershed management. This should reduce the incidence of landslides and floods while also protecting important raw water supplies. The final framework was presented by the Minister of Forestry to the President in December, and provides the basis for ongoing collaborations between ESP and the Ministry of Forestry for field-based WSM activities.
- **ESP collaborated with state forest company, Perhutani**, on a training of trainers (ToT) for 32 Field Supervisors from Perhutani Forest Management Units across Java. Perhutani is responsible for managing 658,902 hectares of Protection Forest across Java, and has demonstrated an increased interest to facilitate collaborative management of Protection Forest with local communities through the PHBM program. Eventually, Perhutani hopes to work with as many as 5,000 communities. ESP provided a six-day training covering forest and water ecology and Field School facilitation. Links were made

to the Ministry of Forestry's ongoing MDK and MDM programs. ESP is following-up this workshop with on-the-ground technical support in all HPPs on Java.

- **ESP provided limited support to the Ministry of Agriculture's PLA Directorate** to train extension workers to facilitate Field Schools for critical land rehabilitation. ESP provided technical support for training in East Java and also sent two Field Assistants to provide training in South Sulawesi. ESP has turned-down requests for training support in a number of other areas outside our HPPs in order to ensure our limited human resources achieve results in priority work areas.
- **Continued efforts were made to leverage ESP's community approach and technical tools into the National Community Empowerment Program, PNPM Mandiri.** A number of meetings were held with various national-level agencies to explore opportunities for support. Interestingly, PNPM Mandiri is being implemented through programs managed under a broad range of Ministries, from Home Affairs and Bappenas to Public Works and Ministry of Agriculture. While ESP will continue to strive to find an appropriate national-level entry point, ESP is also leveraging from the bottom-up. Specifically, ESP will work with Pasuruan District in East Java in order to develop an adaptable or replicable district model. ESP remains convinced that training approach and tools are effective for PNPM Mandiri, and this is reflected by an increasing number of instances where ESP-facilitated community groups are independently tapping into the PNPM Mandiri program.
- **ESP collaborations with PBNU, one of the two largest Moslem NGOs in Indonesia,** continues with field activities in West Java for *pesantren*-based Field Schools, and increased efforts are underway to raise this to the national level. A Roundtable Discussion or *Holaqoh* was held, including *santri* and priests from Sukabumi District. This led to increased support for *pesantren*-led Field Schools for Conservation Villages (MDK) across the district. ESP provided a ToT as well as a workshop to develop appropriate curriculum. Several mosques across Sukabumi are now conducting conservation awareness campaigns.
- **ESP ramped-up Water Resource Protection work in West Java and other HPPs,** increasing collaborations with PDAMs, local governments and community groups. Mapping and zoning activities were conducted in and around a number of springs, taking into account geology, hydrology, infiltration rates and seasonality. This activity is leading to links to Global Climate Change Adaptation, as community groups and other stakeholders are becoming increasingly aware of seasonality issues associated with water, including rainfall patterns and water availability. Increasingly, water resource protection provides an entry point for adaptation activities including crop selection, land rehabilitation, reforestation and conservation. Related to this work, ESP has facilitated the development of 20 infiltration ponds in Batu Karut and another seven in Cikareo, both in West Java. The Batu Karut community reported these ponds mitigated damage from recent heavy rains, thus providing strong evidence for the promotion of infiltration ponds. Infiltration ponds are expected to be developed in ESP sites across East and Central Java next quarter.

ENVIRONMENTAL SERVICES DELIVERY

The Service Delivery (SD) National team continued this first FY5 quarter with not only providing technical support to the Regional SD field activities in HPPs, but also with implementing important National programs, like the Water for the Poor Toolkit, start-up of the ESP East Indonesia program and increasing working relations with the Ministry of Public Works and Planning. The main highlight of this quarter was the completion and launching of the Water for the Poor Toolkit in mid-December. The following describes this achievement and highlights two others in more detail:

- Increased Water for the Poor.** The majority of construction work for connecting 3,500 poor families through the communal master meter system in Medan was completed by the end of December 2008. During this period, the site was visited by Mr. Budi Yuwono, DirGen PU, who was very impressed and fully supportive of this initiative being replicated by ESP to other cities in Indonesia. One lesson learned however is that ESP needs to support Local Government in seriously supervising the local contractor to assure adherence to the planned construction quality. SD National and Medan teams supported PDAM Tirtanadi with the finalization of the five year Water for the Poor Master Plan. These teams successfully promoted financial support by National Government in providing materials and Eco-Asia in providing a grant to JKM to conduct community mobilization for new locations combined with training-of-trainers for local CBO, PDAM and Government staff.

The Master Meter in Surakarta and Sidoarjo were also completed during this period, but the ongoing master meter program with Palyja is still uncompleted, due to delays on the Palyja site. New master meter programs are planned for Manado, Ambon, Jayapura and Makassar in combination with UNICEF and the new EASP East Indonesia program.

The Water for the Poor toolkit was completed and launched on December 5th in Jakarta for an audience of roughly 100 participants from PDAMs, Government, NGOs, donors and media. The workshop included lively panel discussions on both micro-credit and communal (master) meter initiatives. An additional 50 toolkit sets were distributed to other PDAMs during Nusantara, where the World Bank presented the Belawan master meter success. Arrangements have been made for further distribution to local and Provincial PU officers, with an endorsement letter by DirGen PU.

- PDAM Technical Support Programs.** ESP introduced a PDAM Energy Efficiency program in 2007 and after an initial energy audit with four PDAMs, a follow-up program was arranged (with Dutch funding) with PDAM Surabaya to develop it as a Performance-Based Contract (PBC) with the local investor. Not much progress has been made regarding this issue this quarter, mainly due to the complicated legal framework of PDAM Surabaya to prepare an investor tender. However, because other PDAMs are also very interested, ESP successfully arranged a contract between other donors, ETC and ATW (Technical School in Magelang), to conduct additional detailed energy audits for PDAMs Sidoarjo, Gresik and Malang, beginning January 2009. As part of this contract, ATW will receive intensive capacity building / technical training by MLD, who is implementing the current program in Surabaya. Four more PDAMs (Medan, Bandung, Sukabumi and Yogyakarta) will receive energy audits from January 2009, through STTA support, with an emphasis on improving efficiencies of deep well pumping systems in Bandung, Sukabumi and Yogyakarta and on distribution booster pumping systems in Medan.

A Fixed Price sub-contract was prepared with a local consultant to develop a PBC model (at least a detailed cost-benefit analysis and exposure to potential local parties) on Non-Revenue Water reduction for PDAM Kota Bandung. The fieldwork of the NRW pilot with PDAM Magelang is now complete and dissemination workshops for interested parties are planned for January and February 2009.

During this quarter, a large workshop was held in Bandung for the ADB funded, UNPAD implemented program on raw water management improvement with four PDAMs in Greater Bandung. Participants from Central, Provincial and Local Governments joined and agreed on the crucial status of watersheds providing raw water sources for Greater Bandung. The main conclusion of the workshop was that there is a need for much closer collaboration between all Government parties, which can be achieved best by developing a management body. This will be further discussed in next, and final, workshop planned for early February 2009.

- **ESP Sanitation Programs.** The sub-contract for the Sanitation Action Planning for four cities (Surabaya, Kab. Malang, Medan and Yogyakarta) by FORKA IATPI is progressing as planned, with at least four FGD / workshops conducted in each city. All data for the citywide Sanitation profiles has been collected and agreed upon and two of the four local workshops were conducted in December (the other two are planned for January 2009). For the planned National workshop, ESP held several meetings with the Sanitation Technical Team (SanTT), which coordinates National Sanitation policies. SanTT very much appreciates ESP's work and fully supports a joint (two day) workshop, planned for mid February 2009, in Jakarta. The program will consist of a formal launching of the Sanitation profiles of the four cities, including the signing of the Sanitation declaration by majors as well as an introduction to new ESP cities (Manado, Ambon and Jayapura). The second day will be organized by SanTT and focus on exchanging and comparing different donor sanitation programs (ISSDP, ESP, ADB, WASPOLA), resulting in agreement on common strategies and approach.

During this quarter, ESP also agreed to support a WSP initiative to assess problems of sanitation in challenging environments, particularly areas above water or prone to flooding. ESP will provide data from current sites to help develop models / pilot systems, particularly in Medan and Jakarta. For Jakarta, ESP has made an agreement to work with the ongoing Jakarta Flood management 2 (JKM2) program, where ESP will support Mercy Corps with the design and installation of two to three appropriate Community-Based systems in flood-prone regions.

ESP will also provide technical support to Yayasan Emmanuel for one to two other areas. The construction for expanding the Medan sewerage system to reach at least 1,000 house connections is now underway and being facilitated by ESP National and Regional offices. ESP is currently in dialogue with all parties to discuss the best way to promote household connections, including financial incentive schemes by the Local Government. This area will also be the target area for the twinning between Medan and IWK (Malaysia), funded by ECO-Asia.

ENVIRONMENTAL SERVICES FINANCE

This quarter the Environmental Services Finance (FN) Team continued to make progress on all aspects of the FN portfolio, including debt restructuring, micro-credit programs, alternative financing, and Payment for Environmental Services (PES). While detailed descriptions of this work are presented in the regional sections, the following section provides an overview of the ongoing initiatives, highlighting trends across the provinces.

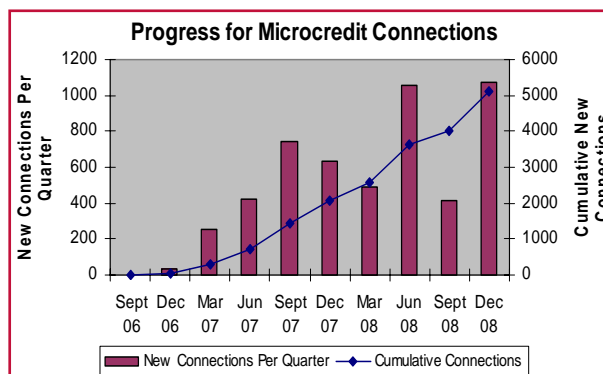
- **Improved Financial Management & Debt Restructuring.** In accordance with ESP's Program Year 5 Work Plan, the primary emphasis of this quarter's activities was the preparation of PDAM Business Plans to restructure outstanding debts. Presently, ESP is assisting 11 water utilities to either prepare or revise their restructuring plans based upon the latest Ministry of Finance Regulation (Peraturan Menteri Keuangan No. 120/PMK.05/2008). Of the 11 PDAMs working with ESP, two submitted the first draft of their Business Plans to the Ministry of Finance this quarter (PDAM Kota Surakarta and PDAM Kota Sukabumi). Further, six PDAM's are now in the final stages of planning, and are expected to submit their respective Business Plans early in the next quarter. These include PDAM Kota Bandung, PDAM Kabupaten Purwakarta, PDAM Kabupaten Subang for West Java; PDAM Kabupaten Gresik from East Java; and PDAMs Kota Binjai and Kota Sibolga in North Sumatra. Finally, those PDAMs in the early planning stages include PDAM Kota Pasuruan, PDAM Kabupaten Malang, and PDAM Tirtanadi.

One notable development this quarter was the Ministry of Finance's (MOF's) request for further revision of PDAM Kota Surakarta's Business Plan. More specifically, the MOF did not approve of the incremental tariff increases proposed in the Business Plan aimed at reaching cost recovery over several years. Instead, the MOF stated that cost recovery must be reached within the first year (2009), which will require more than a 50% increase at one time. The PDAM is currently discussing this possibility with its local government owner, but it is unlikely that a one time increase of this size will be approved. Importantly, several other PDAMs currently being assisted by ESP (such as PDAM Kab. Gresik, Kota Sukabumi, and Kota Binjai) are also anticipated to have difficulty achieving full cost recovery within one year. Presently, the only option for such PDAMs in this situation is to obtain a subsidy from the local government to cover the projected losses or to simply delay proposal submission.

Finally, beyond debt restructuring, the completed Corporate Plan of PDAM Temanggung was presented to stakeholders this quarter and approved by the Bupati.

- **Alternative Financing for PDAMs.** In Kota Malang, as a follow-up to the completion of the Pre-Feasibility Study for a Rp123.7 billion investment over a three year period, ESP provided a subcontract to a local university to implement a real demand survey in partnership with the PDAM. The results will be used to support the preparation of the Full Feasibility Study for Kota Malang later in Program Year 5.
- **Micro-Credit for Financing Low-Income Water Connections.** ESP's micro-credit program for new piped water connections experienced its strongest quarter in terms of new connections added. A total of 1,074 new piped water connections benefiting an estimated 5,370 people were added under ESP-facilitated micro-credit programs between PDAMs and local banking partners, bringing the total number of connections to 5,108. The table below charts the progress of new connections to date, both in terms of the number of new connections achieved each quarter as well as the cumulative amount of new connections.

In addition, two new micro-credit programs were also established this quarter: the first between PDAM Kota Bogor and Bank Perkreditan Rakyat Syariah Al Salaam (BPRS) and the second between PDAM Titanadi and Bank Sumatra Utara. The former represents the first partnership with a bank from the BPR network as well as the first Syariah-based lender. The latter represents the first provincial level partnership in that both PDAM Tirtanadi as well as Bank Sumatra have provincial coverage. Both programs have a strong potential for new connections.



Another noteworthy development for micro-credit this quarter was the launching of ESP's Water for the Poor Toolkit, which contains one module addressing the micro-credit program and a second module for ESP's "master meter" approach for connecting poor households. A formal launch event was held on December 15 at the Le Meridien Hotel in Jakarta. Approximately 100 participants attended the event from a variety of stakeholders, including USAID, PDAMs, local governments, PU, BAPPENAS, and other donors. The Toolkit will be a powerful means of replicating the micro-credit program for new piped water connections across Indonesia.



- Payments for Environmental Services.** ESP continues to facilitate and monitor the development of "Payment for Environmental Services" (PES) Schemes across the provinces. As of the close of the quarter, there are six schemes in all, ranging from 50% to 100% complete (based upon the steps defined in the Performance Monitoring Plan). Two PES programs made notable progress over the reporting period. First, in Pasuaran, East Java, the proposed "buyers" and "sellers" have now been identified and a draft agreement is under development. More specifically, a forum of bulk water companies (including Coca Cola, Aqua, PNM, Santos, Petro Kimia, Sampoerna, PT Sedayu, and Dompot Dhuafo) will "purchase" upstream spring protection from Kelompok Tani Tahura. In the second quarter of PY5, ESP will seek to finalize the draft agreement between the two groups. Second, in the upper Brantas watershed ESP has been working with the Bumiaji Sub-district Government, which has a contract for one year with Jasa Tirta for land rehabilitation activities in six villages, totaling 31 million rupiah. This quarter marked the completion of this transaction, with all funds transferred in accordance with the contract.

STRATEGIC COMMUNICATION FOR BEHAVIOR CHANGE

This Quarter, the Strategic Communication (StratCom) Team focused on the theme “Celebrating Local Champions”. Over the year, ESP has positioned the media as not only a communication channel, but also as an important team partner, resulting in a stronger media presence as we strengthen our media relations activities. For example, the exposure of our local champion was extended beyond hard news, in the form of feature articles with deeper insight into the issues at stake. Exposure was also extended to our advocates and focal points. As a result, they are now more familiar with ESP communication activities as we are approaching our final year.

- **Global Hand Washing with Soap Day.** ESP celebrated the first Global Hand Washing with Soap (HWWS) Day by initiating activities in a number of cities. Celebrations were held during the month of October in six cities (including Banda Aceh, Medan, Jakarta, Bandung, Yogya, Surabaya and Pasuruan) and were attended by more than 2,500 students and communities. These events, which included a health festival, were successfully implemented and supported by communities and other organization such as Save the Children, K3A, West Java Coalition for Healthy Indonesia (KujBS), Helen Keller International, and Women Organizations. Another activity commemorating this first Global HWWS Day was the Journalist Workshop which was organized together with public-private partnerships for Hand Washing with Soap. It was successfully attended by 35 journalists from print and broadcast media.
- **Multi-Media Campaign (MMC).** During this quarter, ESP conducted MMCs focusing on “Celebrating Local Champions”. Under this theme, ESP brought forward a number of inspiring ESP field-related innovations made by local champions from community groups, local governments, NGOs and related stakeholders. More than 70 stories and articles were generated through print and broadcast media at local and national levels to illustrate the various innovations throughout ESP’s HPPs. The campaigns have resulted in more investigative-oriented national media (as seen in TV-One, Metro TV, Readers Digest, Green Radio, The Jakarta Post and Kompas) that documents ESP site visits and more insightful and deeper human interest stories.
- **Media campaigns to support other components.** Exposure to mainstream media is an important strategy for maintaining and strengthening commitment amongst stakeholders and partners for a number of ESP components’ activities. With media coverage, ESP informed the public of its valuable issues related to ESP targets and principles to the public. A plethora of issues appeared in national and local printed and broadcast media, such as issues from ESP’s national workshop of WSM team, launching ‘Water for the Poor’ toolkits of FN and SD components, socialization of PDAMs, and global campaign activities related to Hand Washing with Soap in each region.
- **Program Communication support for ESP campaign issues.** The PC web administrator has provided a more sophisticated search engine for the www.esp.or.id website for more user-friendly access of the site. In addition, ESP reports related to Natural Resource Management have also been made available at USAID’s RM portal website, granting a reader larger exposure to ESP works and achievements.

The PC team also completed the production of several reports, including the MMC Assessment, Longitudinal Study, Alternative Financing, Annual Report, and Work Plan.

Other support also includes event support for the WSM workshop and the Launching of Water for the Poor tool kit.

- **Clean, Green and Hygiene.** ESP supported the Regional Educational Office (Dinas Pendidikan) of Batu City, East Java in developing a Clean, Green and Hygiene curriculum for use in all elementary schools in Batu City. The curriculum is based on ESP's CGH School Manual. The H&H team in East Java, together with the CB Watsan Specialist, WSM Specialist and Agro Forestry Specialist, worked on enriching the curriculum content. The PC team provided assistance and played an instrumental role in the design and editing of this document. This achievement was brought to attention at the media discussion in Jakarta, as part of a MMC activity, and received a positive response from both the media and other participants, especially teachers in the audience.

The StratCom team also finalized and sent to print the CGH School Manual. The team is currently working on how to scale up and expand the utilization of the CGH concept as well as its manual with the hope of reaching the Provincial, and possibly National, arena.

SECTION 4

PROJECT MONITORING & EVALUATION

INTRODUCTION

This section presents progress toward ESP Outcomes and Indicators as presented in the *Performance Monitoring Plan*. ESP achievements are presented under the following components:

- **Cross Cutting Themes/Integration;**
- **Watershed Management and Biodiversity Conservation (WS);**
- **Environmental Services Delivery (SD);**
- **Environmental Services Finance (FN); and**
- **Environmentally Sound Design and Implementation in Aceh (EA)**
- **Aceh-Papua Add-on (AP)**

Please note that there is an additional set of outcomes under the new Aceh-Papua Add-on component in accordance with additional program plans stated in Modification No. 13. Please refer to Modification No. 14 for further information. Please also note that outcomes for the new Eastern Indonesia extension and expansion program have been integrated into the existing ESP outcomes under Modification No. 8 to Contract No. 497-M-00-05-00005-00.

The additional work associated with both programs aforementioned programs may affect the revision of the Project Monitoring Plan, integrating additional outcomes of the new component. The proposed outcome and indicators for the new program components are described in this section.

ESP PROGRESS BASED ON PMP

Period: October – December 2008

Component: Cross Cutting Theme/Integration	
Outcome 0.a. Program Collaboration to support the Strategic Objective (SO) of Basic Human Services (BHS)	
Indicator: Number of integrated program activities between ESP and other USAID Programs	Fifth Year Target: Seventeen (17) joint program activities conducted by ESP and other USAID partners Total Target over the life of project: Ten (10) joint program activities conducted by ESP and other USAID partners
Progress: <ul style="list-style-type: none"> This Quarter ESP conducted Six (6) collaborative program activities with other USAID Programs in North Sumatra, DKI Jakarta and East Java. These collaborative programs were implemented by ESP in collaboration with HSP, FSN, SVS and US Consulate. To date, ESP has conducted a total of 72 collaborative program activities with other USAID programs. This achievement exceeds the life of program target (720%). Detailed information regarding specific collaborative program activities between ESP and other USAID's Program is attached in Table C-1. 	
Outcome 0.b. Public Outreach and Communication	
Indicator: <ol style="list-style-type: none"> Number of campaigns supported by ESP Number of campaigns supported by ESP partners/stakeholders Number of advocacy materials produced 	Fifth Year Target: <ol style="list-style-type: none"> Twenty five (25) campaigns supported by ESP Twelve (12) campaigns supported by ESP partners/ stakeholders Seventeen (17) set of advocacy materials produced Total Target over the life of project: <ol style="list-style-type: none"> 80 campaigns supported by ESP 40 campaigns supported by ESP partners 80 sets of materials produced
Progress: <ul style="list-style-type: none"> This Quarter, ESP conducted 9 campaign activities across HPPs that consisted of Multi Media Campaigns (#14), and campaigns supporting PM, WSM and SD issues. To date, achievement of this outcome is 96 campaigns, which is 120% of the total target of life of program. Detailed information on this achievement is attached in Table C-2 (a). The achievement on campaigns by ESP partners for this Quarter is 4 campaigns. To date, total achievement of campaigns by ESP partners is 72 campaigns. This is 180% of the total target over the life of program. Detailed information is attached in Table C-2 (b). Of those campaign activities mentioned above, a total of 9 sets of campaign materials were produced and used during in the Quarter. To date, 83 sets of campaign materials, or 103.75% of the total target of life of program, have been produced. Detailed information is attached in Table C-2 (c). In total, campaign activities implemented during this Quarter are estimated to have reached at least 25,801,200 people. Detailed information on this achievement is attached in Table C-2 (d). 	

Component: Cross Cutting Theme/Integration	
Outcome 0.c. Participation in ESP trainings and workshops	
Indicator: Number of people that participate in ESP trainings and workshops	Fifth Year Target: Five thousand seven hundred fifty-five (5,755) people trained Total Target over the life of project: 12,000 people trained
Progress: <ul style="list-style-type: none"> This Quarter, 3,029 people participated in ESP trainings, workshops and seminars. The average participation rate of women in ESP events was 38.83%. A total budget of \$50,556.90 was spent for training activities during this quarter. To date, a total of 53,058 people have participated in ESP trainings, workshops, and seminars. The percentage of achievement to date is 442.15%. The average female participation to date is 39.34%. The cumulative expenditure for training through this Quarter is \$1,348,238 The participation rate of women in ESP events decreased this Quarter, compared with the previous Quarter which was 39.24%. Detailed information on this achievement disaggregated by province is attached in Table C-3. 	

Component: Watershed Management and Biodiversity Conservation (WS)

Outcome WS I.a. The formation of 5 adequate policies to recognize the tenure and/or access rights of communities to manage their forests and implement transparent and participatory district-level management of forests, thus reducing conflict and illegal logging

Indicator: Number of new policies recognizing land tenure and access rights of communities to manage forest land and watershed areas

Fifth Year Target: Eleven (11) local policies

Total Target over the life of project: Five (5) new policies

Progress:

- The quantitative results of this outcome are reported semi-annually in April and September. This Quarter, a brief progress report is provided.
- This Quarter, ESP continued to work on the **development of five (5) local policies**: 3 local policies in N. Sumatra and Central Java carried over from the previous year target and 2 new policies were added in West Java. **One of the policies** developed in N. Sumatra was completed during this Quarter plus **additional five (5) new local policies** developed in NAD and N. Sumatra were completed during in this Quarter.
- Below is the progress that has been made in each HPP:
 - **NAD: completed additional 2 local policies** in sub-watershed Kr. Inong and Kr. Keumireu.
 - **N.Sumatra: completed one local policy** in Lau Biang (Karo District) that is carried over from the previous year. Also, **additional three (3) local policies** in the same sub-watershed. All these local policies are targeted to support the management of the conservation management of the Tahura Bukit Barisan.
 - **W.Java:** continues to work on the development of 2 new local policies in Sukaresmi sub-district (Cianjur) and Batu Karut spring protection of Cimandiri sub-watershed (Sukabumi district).
 - **C.Java/DIY:** continue to support the development of one local policy in Blongkeng sub-watershed (Magelang district through facilitation of legal drafting of the policy with Legal Bureau of Magelang Government.
 - **E.Java:** there is limited activity conducted to support the achievement of this outcome.

Outcome WS I.b. Improvement in watershed function in areas supplying water to urban centers and PDAMs as measured by a 50% increase in rehabilitated land (total area of degraded land where trees, commercial or non-commercial, are planted)

Indicator: Increase in area of rehabilitated land and forest, presented as a percentage and in hectares

Fifth Year Target: 2,404 hectares rehabilitated

Total Target over the life of project: 35,320 hectares rehabilitated (50%)

Progress:

- ESP Land Rehabilitation activities continued across the HPPs during this Quarter, including development of community nurseries. The nurseries provide seedlings for ESP activities as well as for initiatives facilitated by ESP partners from local government, the private sector, and community groups.
- Total achievement of the land rehabilitation outcomes during this Quarter in all HPPs is **1,689 ha (70.26% of the target of Program Year 2009)**. **A total of 430,450 seedlings** were planted in this area.
- To date achievement of land rehabilitation is **42,760.02 ha (126.16% of the total target over the life of the program)**.
- The details concerning the achievement of this outcome in all provinces during Program Year of 2007 are attached in Table C-4 in Annex C of this report.

Component: Watershed Management and Biodiversity Conservation (WS)

Outcome WS I.c. Area of forest with high biodiversity conservation value under improved, local management increases by 50%

Indicator: Increase in forest area with high biodiversity value under improved, local management, presented as percentage and in hectares

Fifth Year Target: 228,158.5 hectares (cumulative) with high biodiversity value under improved, local management

Total Target over the life of project: 82,650 hectares (cumulative) with high biodiversity value under improved, local management (50%)

Progress:

- The quantitative results of this outcome are reported semi-annually in April and September. This Quarter, a brief progress report is provided.
- During this Quarter, ESP continues to work in **7 protected areas** across HPPs that carried over from the previous year.
- Below are details from each HPP to support the achievement of this outcome:
 - **NAD:** Continue to provide supports through forum activities (FAMS and Forsaka) under collaboration with Small Grant Program (Porifera) especially on monitoring of the protection areas and designing the buffer zone area.
 - **N. Sumatra:** Activities conducted to support the achievement of this outcome include: public dialog, planning workshop, focus groups discussions and biodiversity training.
 - **W. Java:** Continue to conduct capacity building activities in 5 conservation villages in Bogor, Sukabumi and Cijur districts and develop partnerships with private sectors to support the implementation of action plans on improving management of the conservation areas.
 - **C. Java/DIY:** ESP C. Java continues to conduct conservation awareness campaigns in collaboration with Kanopi (ESP Grantee) and Parikopi (community forum).
 - **E. Java:** This Quarter conducted several activities focused on the facilitation of buffer zone protection through development of a three party management plan.

Outcome WS I.d. In Aceh, improvement in watershed functions with additional focus on the coastal margin directly impacted by the tsunami, as measured by implementation of 15 targeted community-based land rehabilitation activities, benefiting at least 6000 people.

Indicator: Number of people benefiting from community-based land rehabilitation activities in coastal areas and coastal watersheds impacted by the tsunami

Fifth Year Target: 150 people benefiting from community-based coastal rehabilitation activities in targeted areas

Total Target over the life of project: 5,820 people benefiting from community-based coastal rehabilitation activities in targeted areas

Progress:

- There is no significant progress to report this Quarter. The focus of activities has been on monitoring previous work in Aceh Jaya and Aceh Barat.
- Based on last Quarter's report, to-date achievement of this outcome is **24,665 people** having received benefits from ESP coastal rehabilitation activities. This achievement **exceeds** the total target over the life of the project (**423.80%**). See report details of this outcome in appendix E.7. of ESP Annual Report 2008.

Component: Watershed Management and Biodiversity Conservation (WS)

Outcome WS I.e. At least 34 Natural Resource Management and Biodiversity Conservation Management plans will be developed and have funds for implementation

Indicator: Number of WSM plans actually have funds for implementation

Fifth Year Target: 17 WSM plans developed

Total Target over the life of project: 34 WSM plans developed

Progress:

- The quantitative results of this outcome are reported semi-annually in April and September. During this Quarter, ESP continues to support the development of 15 management plans that are carried over from the previous year. During this Quarter, ESP completed **three (3) out of the 15 management plans** supported. The completed management plans are developed in N. Sumatra (Tahura BB) and in East Java (Welang-Tahura and Ambang-Tahura).
- Below are details of each HPP to support the achievement of this outcome:
 - **NAD:** Continues to support the implementation of management plans developed and especially support the strengthening of one action plan developed by FPKL Forum in Aceh Jaya currently being revised with additional activities for 2009-2012 as part of development of midterm development planning of Aceh Jaya district (RPJMD). This support will be a bridging effort to support the Aceh Green program that will be reported under APA Program.
 - **N. Sumatra:** ESP has finished work on the development of management action plans in Tahura Bukit Barisan (biodiversity plans) and continuing Langkat (Sub-DAS Wampu-SM Langkat Timur Laut); and Langkat (Sub DAS Bahorok – TNGL). Activities conducted during this Quarter to support this outcome includes public dialog, planning workshop, focus groups discussion, biodiversity training and stakeholder visits.
 - **W. Java:** Continues to support the development of 6 management plans in Bandung Barat, Sukabumi and Bogor district carried over from the previous year. The activities conducted to support the achievement of this outcome are TOT, SLA, consensus building, policy development, implementation of the action plans, partnership development and strengthening of local institutions to support the implementation of the plans.
 - **C. Java/DIY:** Continues to work on the development of **one management action plan** in Magelang District (Sub-Das Kanci) carried over from the previous year target. Several activities have been conducted during this Quarter including a series of meetings to support the development of management plan that is integrated in the mid-term development plan at village level (RPJM Desa). At the district level, ESP also facilitated this model for another 11 villages in collaboration with the Local Government of Magelang district.
 - **E. Java:** Continues to work on the development of 3 management action plans in Pasuruan, Mojokerto and Malang Districts that are carried over from the previous year. **Two management plans** developed in Malang and Pasuruan districts were completed during this Quarter. Several activities conducted during this Quarter are expose and the signing the 2 management plans through several workshops of multi stakeholder forums and for a management plan developed in Mojokerto to socialize the LG of Mojokerto. Completion is expected for the following Quarter.

Component: Watershed Management and Biodiversity Conservation (WS)	
Outcome WS I.f. At least 250 community groups will support and implement activities to improve natural resources management and biodiversity conservation	
Indicator: Number of community groups implementing activities to improve natural resource management	Fifth Year Target: 54 community groups implement activities to improved NRM (cumulative) Total Target over the life of project: 250 community groups implement activities to improved NRM
Progress: <ul style="list-style-type: none"> This Quarter, ESP started working with 31 new community groups across HPPs to improve natural resource management. This brings the total number to 391 community groups representing 156.40% of the total target over the life of the program. Details concerning the community groups working with ESP are attached in Table C-6 in Annex C. Below is detailed information on the progress toward this outcome for each HPP: <ul style="list-style-type: none"> NAD: Three (3) new community groups established to support the improved NRM during this Quarter including 1 in Kr Aceh (sub-DAS Kr. Inong; Jalin); 1 in DAS Teunom (Aceh Jaya district, Desa Alue Jang); and 1 in sub-DAS Masen (desa SP3)-Aceh Jaya. N. Sumatra: Ten (10) new community groups established to support the improved NRM during this Quarter in Lau Biang. W. Java: Seven (7) new community groups established in Cianjur (4), Sukabumi (2) and Bogor district (1). C. Java: Two (2) new community groups established to support the improved NRM during this Quarter in Boyolali district. This group's activities are in collaboration with the Ministry of Agriculture (Upper Watershed Conservation Program). The groups conducted Field School to improve the land rehabilitation of agricultural lands. E. Java: Nine (9) new community groups established to support the improved NRM during this Quarter in Batu Municipality in collaboration with Ministry of Agriculture (Upstream Watershed Conservation Program). 	

Component: Service Delivery (SD)	
Outcome SD 2.a. At least 33 PDAMs demonstrate 20% progress on a PDAM performance monitoring index that reflects technical, financial and managerial performance	
Indicator: Number of PDAMs providing better services	Fifth Year Target: Total cumulative 28 PDAMs Total Target over the life of project: 33 PDAMs (cumulative)
Outcome SD 2.b. Population with access to clean water is increased by 20% in ESP geographic areas except for Aceh. In the tsunami impacted areas of Aceh, population with access to clean water is doubled	
Indicator: Percent and number of household that use an improved water source	Fifth Year Target: 67,548 Households (4.34%) that use an improved water source Total Target over the life of project: 140,000 Households that use an improved water source

Progress:

- The progress description for SD Outcomes #2.a. and #2.b. is combined, because ESP activities with PDAMs often contribute to both outcomes at the same time. Up to this Quarter ESP continues to support **Twenty Five (25) PDAMs** across HPPs. In this Quarter, ESP started to work with **three (3)** new PDAMs in Eastern Indonesia with the support from Dutch Government.
- The report on the progress of the PDAM Performance Index is reported every six months (March and September). However, this Quarter the progress to support this outcome across the HPPs is described below.

Below is a summary of activities conducted in the quarter, in support of SD outcomes #2.a. and #2.b.:

- **NAD:** ESP facilitated PDAM Tirta Daroy Banda Aceh in the review and socialization of tariff adjustment from Rp 630/m³ to Rp 1550/m³ and also PDAM is improving Customer Forum in Banda Aceh. PDAM is in cooperation with Kecamatan to make payment point at each Kecamatan. In regard to community-based water supply, there is continued management and maintenance support of the water supply in Saree, Jantho and Jruak Balee.
- **N. Sumatra:** ESP facilitated meetings and visits between National Government (incl DirGen Cipta Karya PU) with PEMDA Medan and PDAM Tirtanadi to support the RPJM on water supply for low-income communities; continued capacity building with PDAM partners; facilitated discussion on raw water and transmission pipe between Ditjen SDA, and PDAM Kota Medan, Sibolga and Binjai; conducted workshop on debt restructuring with PDAMs in Sumut.
- **DKI Jakarta: Three (3) Community Based Water Supply Systems** adopting master meter approach in two communities in Penjaringan and Jembatan Besi is ongoing. The systems connect a total of **135 households**, exceeding the 100 households targeted.
- **W. Java:** Continued support of PDAM Subang on tariff reclassification survey, PDAM Sukabumi district on customer reclassification survey, PDAM Bandung district on motivation training and supported PDAM Kota Bandung on tendering process for pre-feasibility study of NRW reduction program through performance-based contract. For community-based water supply program, ESP supervised the construction of small water supply at Kertajaya village, Sukabumi Regency.
- **C. Java/Yogya:** Water for the Foor program progressing in Magelang district through SGP (LP3D), with 16 taps serving 400 poor people in four villages. The community formed a forum called "Tirto Husodo" to manage and maintain the clean water facility. In Kota Surakarta, the Master Meter system is complete in Kampung Gabudan, providing direct clean water to 110 poor people.
- **E. Java:** ESP supported PDAM Surabaya to finalize OBA manuals and draft Grant Agreement and further facilitated an MoU on Energy Efficiency. In Kabupaten Sidoarjo, the Master Meter system was completed; benefiting 50 poor households in Kelurahan Lemah Putro (small grant), in Gempol (Pasuruan) and Batu, ESP supported improvements to a community-based water supply system, for 150 households (previously 60 HH). ESP assisted PDAM Gresik and Sidoarjo in developing an investment plan, and PDAM Gresik, Pasuruan, and Kab. Malang in preparing the debt restructuring program. Consumer surveys in Pasuruan and Malang are underway.
- **Eastern Indonesia:** Contract with USAID was signed this quarter; ESP started discussions with stakeholders in 3 cities (Kota Manado, Ambon, and Jayapura) such as PDAM, Local Government, NGO and private sector and commenced mobilization of field team and office setup.

Component: Service Delivery (SD)	
Outcome SD 2.c. At least 5 district/municipal sanitation strategies with action plans including but not limited to centralized systems are developed in conjunction with local governments as catalyst for funding	
Indicator: Number of sanitation strategies with action plans developed and ready to be submitted for funding by (Local and central) Government, donors and/or other financing possibilities	Fifth Year Target: Three (3) strategies with action plans Total Target over the life of project: Five (5) strategies with action plans
Progress: <ul style="list-style-type: none"> Quantitative results are reported every six months. ESP continues to support the completion of CSSP in Central and East Java and North Sumatra. The summary below shows progress toward the achievement of the quantitative results as follows: North Sumatra (Medan): Assist PokjaSan in developing an MoU with IWK Malaysia, under Eco-Asia signed on December 15 2008. The MoU includes assistance by IWK in Social Marketing Campaign for Sanitation to increase House Connection to the Sewerage system; and supports PDAM Tirtanadi in the current sewerage extension program (1,000 new connections) with budget leveraged from PU/Pusat. Central Java (Yogyakarta): Support PokjaSan on the development of city-wide Strategic Sanitation Action plan and city profile (subcontract with IATPI). All steps have been completed and launched to Local Government. East Java (Surabaya and Kab. Malang): Continue support to both PokjaSan to finalize CSSP report and city sanitation profiles through FGD and local workshops, in partnership with IATPI. Eastern Indonesia: ESP discussed the concept of PokjaSan, CSS, SAP with 3 PEMDA and UNICEF teams; all agreed and welcome ESP facilitation support. 	

Component: Service Delivery (SD)

Outcome SD 2.d. At least 15 community-based solid waste management plans are developed and implemented. Of these, a minimum of 5 community plans for restored and new facilities will be developed and implemented for return communities in Aceh.

Indicator:

- a) Number of community-based Solid Waste Managed Systems (SWMS) developed and implemented
- b) Number of people benefiting from the Solid Waste Managed Systems (SWMS) developed

Fifth Year Target:

- a) Thirty six (36) SWMSs
- b) 14,875 people benefiting from the SWMSs developed

Total Target over the life of project:

- a) Fifteen (15) SWMSs
- b) 15,000 people benefiting from the SWMSs developed

Progress:

- This Quarter, ESP continued the finalization of **30 Community-based SWMS** across the HPPs, carried over from FY04, benefiting an estimated **9,770 people**. To date, ESP has completed **33 Community-based SWMS (220%** of total target over project life) benefiting **20,780 people (138.53%** of the total target over project life).
- Quantitative results will be reported every six months (March and September). Summary of progress this Quarter is provided as follows:
 - **NAD:** TOT for community group on solid waste management in Saree, Jantho and Buddha Suchi. Implement Field School on solid waste management in Saree and Jruek Balee facilitated by community leaders from Nusa. Solid waste management training at school in Gampong Baru village (Calang). Socialization of solid waste act in districts in collaboration with DKP.
 - **N. Sumatra:** Completed PO with MAPEL to introduce plastic washing machines to improve and increase their plastic recycling activities.
 - **DKI. Jakarta:** Two School-Based systems (SDN 013 Petojo Utara and Pesantren Al Kenaniyah) initiated this quarter benefitted around **1,000 students**.
 - **W. Java:** Support target communities with improved sorting and implementation of ongoing composting and recycle plastic programs. In Cibadak (Cianjur), the community agreed on a fee structure for garbage collection.
 - **C. Java:** Started CBSWMS in Sleman with Local NGOs and in Magelang as a follow-up activity of ESP Field School. Activities conducted include trainings for community members on waste separation and composting. Groups also built a waste post to collect the separated waste for further processing. The program in Sleman is in-line with the local government program called “Clean Sleman”.
 - **E. Java:** Conducted trainings in recycling of plastic waste in Malang Municipality. The trainings were facilitated by cadres from Surabaya municipality (community-to-community training).

Component: Service Delivery (SD)

Outcome SD 2.e. At least 25 community-based small scale sanitation plans are developed and implemented. Of these, a minimum of 5 community plans for restored and new facilities will be developed and implemented for return communities in Aceh.

Indicator:

- a) Number of small scale sanitation (SSSS) plans developed and implemented
- b) Number of people benefiting from small scale sanitation (SSSS) plans developed

Fifth Year Target:

- a) Thirty three (33) SSSSs
- b) 8,965 people benefiting from the SSSSs developed

Total Target over the life of project:

- a) Twenty (20) SSSSs
- b) 12,500 people benefiting from the SSSSs developed

Progress:

- This Quarter, ESP continue with the development of **31 Small Scale Sanitation System (SSSS)** in all HPPs carried over from FY04, benefitting an estimated **8,515 people**. To date, ESP completed **13 Small Scale Sanitation System (52%** of the total target over the life of the program) benefitting **4,390 people (35.12%** of the total target over the life of the program).
- Quantitative results will be reported every six months (March and September). Summary of progress this Quarter is provided as follows:
 - **NAD:** Continue to support training for community members on monitoring for operating and maintaining the existing SSSS and also effluent monitoring.
 - **N. Sumatra:** Construction started for one CBS, financed by PU Cipta Karya, for 150 people in Yong Panah Hijau in Medan city.
 - **DKI Jakarta:** Upgrading ongoing SSSS in Petojo Utara with the installation of a wastewater garden; also initiating one system in Jembatan Besi through Small Grants Program. One MCK installed in Bintaro Lama for 25 households, in partnership with YE.
 - **W.Java:** Construction of two SSSS at Kota Bandung, financing by PDAM has been completed. The Politeknik Bandung conducted training of GIS on SanMap program to PDAM staff and finished the MIS and GIS for 1 RW as a pilot project.
 - **C.Java:** Training completed for community members on PHBS, management and maintenance of SSS including fee collection. Households connected piping system from their own toilets to the communal system. In Magelang district, SSSS was developed in school with support by local contractor; integrated with other components, like clean water and hand washing facilities.
 - **E. Java:** ESP completed SSSS in Pakis Kembar (Kab Malang). Installation for Surabaya and Kab. Malang was conducted under BORDA sub-contract (4 units). Another 4 units in Kab Malang, Mojokerto and Kota Batu were implemented directly by the ESP team and include: system design and support of community groups to conduct Field School follow-up activities and proposal development.

Component: Service Delivery (SD)

Outcome SD 2.f. The precursor needed to impact childhood diarrheal disease (clean water, sanitation and behavior change) are contributed to the BHS effort to reduce in the incidence of childhood diarrhea and mortality.

Indicator:

- a) Percent increase of households that adopt adequate health and hygiene practices in ESP project sites
- b) Number of schools that adopt CGH concept
- c) Number of people trained in effective hand washing with soap

Fifth Year Target:

20% increased
29 schools adopt CGH concept
12,090 people trained in effective hand washing with soap

Total Target over the life of project:

20% increased
80 schools adopt CGH concept
80,000 people trained in effective hand washing with soap

Progress:

Households adopted adequate Health and Hygiene practices:

- Progress of this achievement is based on the results of Ten Minute Monitoring (Mini Baseline). This Quarter (in November 2008) ESP collected the survey data. A total of **811 respondents** from **36 sites** represented 15 districts and municipalities in 5 HPPs.
- Result of this survey show that **26.3%** of households adopted the four improved health and hygiene practices (hand washing with soap, safe child feces disposal, safe solid waste management and safe drinking water treatment). This percentage shows an increase compared to the last three surveys conducted in Feb 07, Nov 07 and Apr 08 that showed **4%, 6.9%, and 15.7%**, respectively.
- The diarrhea incidence for this rainy season (November 2008) is **8.5%**. This percentage decreased compared to the previous data collection (**11.3%**). The increased percentage of households adopting the four improved health and hygiene practices and diarrhea incidence was contributed by the higher percentage of improved health and hygiene practices as stated above as follow: **82%** of households practicing proper hand washing with soap, **66.6%** of households practicing safe child feces disposal, **44.5%** of households practicing safe solid waste management and **100%** of households practicing safe drinking water treatment.

Schools adopted CGH concept:

- The achievement of this outcome is reported every six months, in March and September. This Quarter a brief narrative report was provided. This Quarter, ESP continued to support the existing schools that are carried over from the previous year target and completed all steps on adoption of CGH concepts. To-date, ESP completed support of the adoption of CGH concepts for **52 schools** across HPPs.
- During this Quarter, ESP began to work with **19 new schools** to adopt CGH concepts across HPPs. The detailed progress of all schools will be provided next Quarter.
- Detailed information on the progress of the achievement of each region is as follows:
 - **NAD:** Continues to support promoting improved hygiene behavior in **existing schools** in Aceh Besar and started to work with **new 2 schools** in Aceh Jaya.
 - **N. Sumatra:** ESP N. Sumatra worked on the completion of support for **two (2) existing schools** on the CGH schools that were carried over from the previous year. ESP conducted follow-up training on Clean, Green and Hygiene such as promoting and practicing Hand Washing with Soap, solid waste management and point of use water.
 - **DKI Jakarta:** ESP Jakarta continues to work with **6 schools (new and existing)** on the CGH schools in North Jakarta, Central Jakarta and East Jakarta.
 - **W.java:** ESP W. Java initiated work with **5 new schools** that adopt CGH concept in Lembang, West Bandung District through promoting HWWWS, garbage separation and re-greening school as daily activities and also developed a syllabus to insert the CGH concept into the curriculum. This program is under the Small Grant Program implemented by K3A.

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- **C.Java:** ESP C. Java began work with **four (4) new schools** on CGH programs in Sleman District. Ten teachers and 80 students actively implemented follow-up activities on CGH school, such as Hand Washing with Soap, solid waste management and PoU campaign and practices through a health festival that was conducted in the district.
 - **E.Java:** Up to this Quarter, **8 schools (new and existing)** in Malang and Batu Municipalities and Pasuruan district have completed all the steps of CGH concept adoption. Activities conducted during this Quarter were mostly to support finalization of integration of CGH topics into school curriculum.

People trained in effective Hand Washing with Soap:

- This Quarter ESP reports progress on the number of people trained in effective Hand Washing with Soap. The training includes a package of sessions on fecal-oral transmission and practicing proper Hand Washing with Soap.
 - ESP has trained a total of **4,663 people** in effective Hand Washing with Soap during this Quarter. To-date a total of **70,423 people** were trained in effective Hand Washing with Soap (**88.03%** of the total target over the life of the program).
 - Detailed information on the progress of the achievement of this outcome is attached in Table C-7.
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Component: Environmental Services Finance (FN)

Outcome FN 3.a. At least 30 PDAMs individually demonstrate an improved operating ratio and those in default of old SLA and RDA debts are assisted in the preparation and submission of proposals to restructure outstanding debt

Indicator:

- a) Number of PDAMs demonstrating an improved operating ratio
- b) The number of PDAMs that were in default of SLA and RDA debts and are assisted in the preparation and submission of proposals to restructure outstanding debt

Fifth Year Target:

- a) 19 PDAMs demonstrate improved Operating Ratio
- b) Ten (10) PDAMs submit Debt Restructuring Proposals

Total Target over the life of project:

- a) 30 PDAMs demonstrate improved Operating Ratio
- b) Five (5) PDAMs submit Debt Restructuring Proposals

Progress:

- This outcome is reported semi-annually in March and September. This Quarter the report is focused on a brief narrative description of the progress toward the achievement of the outcome.
- Progress made this Quarter include: ESP has been assisting PDAM Kota Binjai, PDAM Kota Jogjakarta, and PDAM Kabupaten Temanggung, in the corporate plan preparation. ESP has also supported PDAM Kabupaten Gresik in the tariff adjustment plan.
- Progress related to debt restructuring during this Quarter include: ESP assisting 11 water utilities to either prepare or revise their restructuring plans based upon Peraturan Menteri Keuangan No. 120/PMK.05/2008). Of the 11 PDAMs working with ESP, two submitted the first draft of their Business Plans to the Ministry of Finance this Quarter (PDAM Kota Surakarta and PDAM Kota Sukabumi). A further six PDAMs are now in their final stages of planning and are expected to submit their respective Business Plans early in next quarter. These include PDAM Kota Bandung, PDAM Kabupaten Purwakarta, PDAM Kabupaten Subang for West Java; PDAM Kabupaten Gresik from East Java; and PDAMs Kota Binjai and Kota Sibolga in North Sumatra. Finally, those PDAMs in the early planning stages include PDAM Kota Pasuruan, PDAM Kabupaten Malang, and PDAM Tirtanadi.

Component: Environmental Services Finance (FN)	
Outcome FN 3.b. An improved enabling environment for domestic investment and borrowing as indicated by the adoption of at least one ESP-assisted central government regulatory guideline	
Indicator: Number of regulatory guidelines developed with ESP assistance that improve the enabling environment for domestic investment and borrowing	Fifth Year Target: 0 regulation Total Target over the life of project: 1 regulation
Progress: <ul style="list-style-type: none"> This outcome was achieved during the previous year in the form of PMK No. 147/PMK.07/2006 (Municipal Bonds) and the associated Implementing Guidelines. 	
Outcome FN 3.c. At least 10 PDAMs or local governments are assisted in the development of plans to access commercial financing through DCA or other means	
Indicator: Number of financing plans developed in cooperation with PDAMs or local governments to access commercial financing through DCA or other means	Fifth Year Target: Seven (7) PDAMs Total Target over the life of project: Ten (10) PDAMs
Progress: <ul style="list-style-type: none"> During this Quarter, ESP provided assistance to 9 PDAMs to develop financing plans to improve and expand their services to the public. Progress has been made on the process of development of this outcome in range from 50 to 83% complete. Detailed information on the progress of this outcome is attached in Table C.xx. A brief narrative description on the achievement of this outcome is as follows: <ul style="list-style-type: none"> In Kota Malang, as follow-up to the completion of the Pre-Feasibility Study for a Rp123.7 billion investment over a three year period, ESP provided a subcontract to a local university to implement a real demand survey in partnership with the PDAM. The results will be used to support the preparation of the Full Feasibility Study for Kota Malang later in Program Year 5. 	
Outcome FN 3.d. At least 1 local government, province, or PDAM is assisted in the preparations for issuance of a revenue bond	
Indicator: Number of local government, province or PDAM is assisted in the preparations of a revenue bond	Fifth Year Target: One (1) PDAMs Total Target over the life of project: One (1) PDAMs
Progress: <p>Due to unfavorable market conditions, no local governments, provinces, or PDAMs were further assisted in the preparation of a revenue bond this quarter.</p>	

Component: Environmental Services Finance (FN)	
Outcome FN 3.e. At least 12 microcredit program are established with PDAMs and local banks, resulting in the connection of at least 100,000 low income persons to the water supply network	
Indicator: a) Number of Master Agreements signed by PDAM and local bank on micro credit program b) The number of new household connections as a result of micro-credit programs	Fifth Year Target: a) Two (2) microcredit program b) Three thousand eight hundred (3,800) connections Total Target over the life of project: c) Two (2) microcredit program d) Three thousand eight hundred (3,800) connections
Progress: <ul style="list-style-type: none"> During this Quarter, ESP completed the establishment two additional Micro-credit Programs in Kota Bogor (a collaboration between PDAM Kota Bogor and BPRS Al-Salam) and in Medan (collaboration between PDAM Tirtanadi Medan and PT Bank Sumut). To date, a total of 16 microcredit Programs have been completed by ESP in 4 Provinces (North Sumatra, West Java, Central Java, and East Java). This achievement represents 133.33% of the total target over the life of the project. A total of 1,074 new connections were added this Quarter under ESP-facilitated Micro-credit programs between PDAMs and local banking partners, bringing the total number of connections to 5,108. Thus, ESP has reached 25.54% of the total (cumulative) target over the life of the project. Detailed information on the progress of this outcome is attached in Table C.8. 	
Outcome FN 3.f. At least four 'payment for environmental services' arrangements are implemented in ESP priority watersheds. (Refer to Task 1.5 of Watershed Management and Biodiversity Conservation)	
Indicator: Number of 'Payment for Environmental Services' arrangements implemented	Fifth Year Target: Four (4) PES arrangements Total Target over the life of project: Four (4) PES arrangements
Progress: <ul style="list-style-type: none"> This Quarter, ESP completed one additional PES arrangement in the Sumber Brantas sub-watershed in Malang district of East Java. A total of three PES arrangements have now completed initial transactions, meaning that ESP has achieved 75% of the total target (of four PES arrangements) over the life of the project. ESP also continues to support the development of PES arrangements in two other watersheds. The progress achieved in these PES arrangements through this Quarter is 50%. Detailed information on the progress of this outcome is attached in Table C.9. 	

Component: Environmental Services Finance (FN)	
Outcome FN 3.g. At least \$15 million USD is leveraged to expand the impact and geographic coverage of ESP. Of this amount, at least \$10 million USD is leveraged in Aceh.”	
Indicator:	Fifth Year Target:
c) Amount (\$) of funding leveraged from public or private sector to expand the impact of ESP outcomes in Aceh and all HPPs	e) \$7,199,333 leveraged to support ESP program
d) Number of PPP developed to expand the impact of ESP outcomes in Aceh and all HPPs	f) Twenty three (23) PPPs
	Total Target over the life of project:
	g) \$12 Million leveraged to support ESP program
	h) Fifty (50) PPPs
Progress:	
<ul style="list-style-type: none"> This Quarter, ESP has leveraged a total amount of \$317,273.10. A limited amount was leveraged in Aceh during this Quarter. This amount was received from 11 PPPs. Detailed information on leveraging and the partnerships is attached in Table C.10. The funds leveraged this quarter were used to support several activities such as a land rehabilitation program, water supply and sanitation program, and the development of biogas program. To date, a total of \$21,332,494 (142.22%) was leveraged to support ESP programs that were received from 139 PPPs (278%). 	

Component: Environmentally-Sound Design and Implementation in Aceh (EA)

Outcome EA 4.a. At least 4 spatial plans at the district and/or kota levels in the Banda Aceh to Meulaboh coastal corridor directly impacted by the tsunami are developed and/or improved

Indicator: Number of spatial plans developed and/or improved at the district and/or municipality levels

Fifth Year Target: N/A

Total Target over the life of project: 4 spatial plans

Progress:

- Completed

Outcome EA 4.b. A forum/network of donor, GOI and NGO water/sanitation/infrastructure/ environment practitioners is created and supported to address common implementation issues and to serve as a clearinghouse of best practices to mitigate adverse environmental impacts of post-tsunami reconstruction activities

Indicator: Forum/network of donor, GOI and NGO established and functioning

Fifth Year Target: N/A

Total Target over the life of project: 1 forum

Progress:

- Completed

Outcome EA 4.c. Hydrological study completed and disseminated widely for selected geographical areas

Indicator:

- Number of hydrological study conducted
- Number of activities on dissemination of results of the hydrological study

Fifth Year Target:

- N/A
- N/A

Total Target over the life of project:

- 1 hydrological study
- 1 dissemination workshop

Progress:

- Completed

Outcome EA 4.d. Technical assistance to other USAID contractors/grantees in mitigating environmental and social impacts upstream and downstream associated with post-tsunami rehabilitation and reconstruction projects completed

Indicator: Number of USAID contractors/grantees received ESP assistance in mitigating environmental and social impacts upstream and downstream associated with post-tsunami rehabilitation & reconstruction projects

Fifth Year Target: N/A

Total Target over the life of project: Two USAID contractor/grantees

Progress:

- Completed

Component: Aceh Papua Adds-on (AP)	
Outcome AP 5.a. Economic development through community-based activities in and around high biodiversity area	
Indicator: a) Number of households have livelihoods opportunities resulting in increased income of at least \$600 per year, are created in conflict communities in or adjacent to the Ulu Masen and Lueser ecosystems b) Improved conservation management of forest of high conservation value in Ulu Masen and/or Lueser ecosystems is codified by provincial district and/or local decree (<i>refer to WS Outcome 1.c.</i>)	Fifth Year Target: a) 1,500 households increased income of at least \$600 per year b) 700 hectares Total Target over the life of project: a) 1,500 households increased income of at least \$600 per year b) 700 hectares N/A
Progress: Work toward this Outcome has just commenced. More details of quantitative achievements will be reported in the following Quarter after completion of PMP revision integrating this outcome. Below is a brief narrative of the progress made during this Quarter: <ul style="list-style-type: none"> • Design of a Community Livelihoods Development Training (CLDT) approach and work initiated on the approach in 9 villages. • Conducted a site survey and assessment to determine 50 villages for CLDT activities. 	
Outcome AP 5.b. Provide short or medium-term TA to the Governor	
Indicator: a) Increased on-budget investment in projects that support <i>Aceh Green</i> at the local and provincial level by 10 percent b) At least one (Qanun) codifying investment requirements prepared and socialized for government and private sector in Aceh Green that include environmentally-sound livelihoods development	Fifth Year Target: a) 10% increased of budget investment b) One (Qanun) codifying investment requirements prepared and socialized Total Target over the life of project: a) 10% increased of budget investment b) One (Qanun) codifying investment requirements prepared and socialized
Progress: Work toward this outcome has just commenced. More details quantitative achievement will be reported in the following Quarter after the completion of PMP revision integrating this outcome. Below is a brief narrative of the progress made during this Quarter: <ul style="list-style-type: none"> • Conduct socialization of ESP in the context of Aceh Green Program among the stakeholders through several meetings and workshops. • Conduct stakeholder consultations to identify specific short-term technical assistant for the Aceh Green Program. • In collaboration with LGSP, provide support on strengthening of budget investment for Aceh Program by establishing the budget baseline for the Aceh Green Program. 	

Component: Aceh Papua Adds-on (AP)	
Outcome AP 5.c. Preparation, socialization and submission of a provincial Spatial Plan that meets GOI requirements as well as embraces Governor Suebu's vision of people-based development, forest conservation and sustainable natural resources management	
Indicator: One Initial drafts of Peraturan Daerah codifying provincial spatial plans of Papua Province supported	Fifth Year Target: one initial draft of Peraturan Daerah Total Target over the life of project: one initial draft of Peraturan Daerah
Progress: The main progress of the achievement toward this outcome is mostly in the preparation stage on the support of establishing Peraturan Daerah codifying spatial plans of Papua Province. More details of quantitative achievements will be reported in the following Quarter after completion of PMP revisions integrating this outcome. Below is brief narrative of the progress made during this Quarter: <ul style="list-style-type: none"> • Initial consultations with provincial Bappeda and other stakeholders from government and NGOs. • Conduct needs assessment on the support needed for capacity building activities related to spatial planning program including hardware and software needed under collaboration with Bappeda Office. • Conduct introductory spatial planning workshops in Jayapura, bringing together government and civil society stakeholders to better understand the Spatial Planning challenges faced by Papua province. 	
Outcome AP 5.d. Preparation and socialization of legislation codifying investment requirements for private sector involvement in biofuel and palm oil plantation activities in Papua	
Indicator: One initial draft of legislation codifying the investment code for private sector involvement in biofuels and palm oil plantation activities in Papua Province supported	Fifth Year Target: one initial draft of legislation Total Target over the life of project: one initial draft of legislation
Progress: <ul style="list-style-type: none"> • Limited progress has been made on the achievement of this outcome. 	

APPENDICES

- APPENDIX A:** Up Coming Activities by Region
- APPENDIX B:** Training, Workshop and Seminar Activities of Third Quarter of Third Year
- APPENDIX C:** Summary of ESP Achievements based on PMP, Status Mid-year of PY 4 (PROGRAM YEAR 4)

APPENDIX A: UPCOMING ACTIVITIES BY REGION

January - March, 2009

NANGGROE ACEH DARUSSALAM

DATES	PROVINCE	TYPE OF EVENTS	VENUE	TASK/SUBTASK	OUTCOMES	NOTES
11-6 Jan	NAD	Study Tour	Medan, N. Sumatra	AP 1-3	Improved cacao practices and improved livelihoods	10 farmers from Aceh Jaya will participate then train others.
25-31 Jan	NAD	ToT	Aceh Jaya and Aceh Besar	AP 1-3	CLDT facilitators continue apprenticeships.	Handicrafts development.
Jan	NAD	CLDT	Weu, Aceh Besar	AP 1-3	Improved farming practices.	Focused on planting more high value crops.
Jan	NAD	Rehabilitation of Land	Kr. Montala catchment area	AP 1-5	Improved bio-diversity in Ulu Masen, leveraged support from government.	Support DISHUT of Aceh Besar.
Jan-Feb	NAD	CLDT	Three villages in A. Besar and A. Jaya	AP 1-3	Improved livelihoods	These 3 FS began during the last quarter.
Jan-Feb	NAD	ToT Village Facilitators	A. Jaya and A. Besar	AP 1-3	Improved livelihoods	Advanced training for veteran village facilitators.
Jan-Mar	NAD	CLDT	15 in A. Besar and A. Jaya	AP 1-3	Improved livelihoods	Handicrafts development with agriculture focused theme.
16-20 Jan	NAD	Assessment and training	Pante Kuyun, Aceh Jaya	AP 1-3	Improved livelihoods, water resources and forest protection.	Water resources
Jan-Mar	NAD	Water resource development	Pante Kuyun	AP 1-4	Improved livelihoods, water resources and forest protection.	Collaboration with govt and NGOs.
Jan-Mar	NAD	Land use planning	Jantho	AP 2-7, AP 2-4	Land use plans developed and recognized via qanun establishing access and tenure.	

DATES	PROVINCE	TYPE OF EVENTS	VENUE	TASK/SUBTASK	OUTCOMES	NOTES
Jan-Mar	NAD	Land use planning	Saree	AP 2-7, AP 2-4	Land use plans developed and recognized via qanun establishing access and tenure.	
Jan-Mar	NAD	10 CLDT	Pidie, A. Besar, A. Jaya	AP 1-3	Improved livelihoods	
Jan-Mar	NAD	Water Resource Mapping	Jantho	AP 2-7, AP 2-4	Land use plans developed, water resources protected, forest protected, policy developed, access established.	

NORTH SUMATRA

DATES	PROVINCE	TYPE OF EVENTS	VENUE	NOTES
7 January	North Sumatra	Launching	Belawan	Mayor of Medan opens the Water for the Poor household taps in Belawan
Jan 2008 TBD	North Sumatra	Training	Lau Biang	Training on JAE's Organization Management and community organizing
January TBD	North Sumatra	Workshop	Medan	Workshop Clean, Green, and Hygiene program in 10 elementary schools in Medan
January 15-16	North Sumatra	Training	Sibolangit	Training on Local Policy development for 9 villages in Sibolangit FORMASI
January 2008	North Sumatra	MMC 15	Medan	Serial forums on clean, green, and hygiene policies and programs
27-28 Jan 2008	North Sumatra	Workshop	Berastagi	Multi stakeholder workshop on PES mechanism
January TBD	North Sumatra	Training	Medan	Journalist Training on Water for the Poor and DEWATs sanitation
January TBD	North Sumatra	Workshop	Medan, Berastagi	Joint PDAM, DG SDA, CiptaKarya workshop on RPJM Raw Water Resources
Jan-March	North Sumatra	SOP Development	Binjai, Langkat	Development of SOP's via contract with university
9-12 Feb	North Sumatra	Learning visit	IPO– West Sumatra	Community group learning visit to Organic Farming Institute (IPO)
February TBD	North Sumatra	CBO Association Launch	Medan, Belawan	Over 30 water CBO's inaugurate new cross community association
24 Feb 2008	North Sumatra	Workshop	Berastagi	Multi stakeholder workshop on model conservation village
February TBD	North Sumatra	Festival	Medan	Health Hygiene festival for community in 6 villages in Medan
Feb-March	North Sumatra	Participatory research	Sibolangit	Farmer Study on Cacao, a collaboration between FORMASI and FIELD
Feb TBD	North Sumatra	Support Campaign	Medan	Media-based support campaign for water micro-credit program
17 March 2008	North Sumatra	Training	Lau Biang	Community training on composting process, pestisida nabati, nursery
Feb – March 2008	North Sumatra	Training	Lau Biang	Follow up of HH activity in Tahaura site villages

DKI JAKARTA

DATES	PROVINCE	TYPE OF EVENTS	VENUE	NOTES
January - February	Jakarta	M&E	Jembatan Besi RW 04	Establishment of Participatory Monitoring System for Master Meter Program with PPKM
January - February	Jakarta	Construction	Petojo Utara RW 08	Installation of waste water treatment garden in MCK++ Petojo Utara
January – February	Jakarta	Campaign	Penjaringan RW 8, 12, 13	Follow up HH training: campaign on health and hygiene behavior promotion
January	Jakarta	Training	Schools	CGH schools training series with 6 elementary schools and 2 high schools
January	Jakarta	Event	Jembatan Besi RW 04	Launching and ribbon cutting of 2 Master Meter systems
January	Jakarta	Training	Gallery K'Qta	Paper recycling training for cadres of Jembatan Besi, Petojo Utara, Pulo Kandang, Bintaro Lama
February – June	Jakarta	Construction	Jembatan Besi RW 04	Installation of one CB-sanitation system through small grants program
January – June	Jakarta	Construction	West Jakarta	Installation of 2 – 3 sanitation systems with MercyCorps and Haskoning supporting the Jakarta Flood Management 2 for component Canal Cleaning & Maintenance and Solid Waste Management

WEST JAVA

DATES	TYPE OF EVENTS	DESCRIPTION
Mini ESP Sub -Das Cikapundung		
15-Jan-09	Workshop	Policy of Perhutani forest management collaboration with community
10-Feb-09	Multi-stakeholders Meeting	Preparation of collaboration program on upstream watershed Cikapundung conservation with Departemen Pertanian, Dinas Pertanian and Perkebunan Kabupaten Bandung Barat
17-Feb-09	Workshop	Community field activity evaluation and support planning (scheduling and budgeting) 2009 in collaboration with PT. Indonesia Power
24-27-Mar-09	Training	Technical support to the TOT for CO and Agriculture Field Workers on upstream watershed conservation at provincial level and district level in Kabupaten Bandung Barat
Mar-09	Training	Technical support to the TOT for new Field Schools in Saguling the PT. Indonesia Power sites
Mar-09	Workshop	MoU forest management Perum Perhutani KPH Bandung Utara and communities in Cikapundung catchment areas
Mar-09	Workshop	Multi-stakeholder (community, PDAM Kota Bandung, NGO's, Governments) discussion on evaluation of Cikareo spring water source protection field action
Jan-Mar 09	Field Activities	Continuing tree planting in Perhutani forest and agriculture lands, continuing community nursery, technical regular meetings, community group action research with topics on agroforestry, land conservation techniques, environmental sanitation, and climate change in Desa Cikole, Jayagiri, Pagerwangi, Langensari, Cibogo
10 Jan 09	Communication event/Media gathering	To conduct implementation of MMC#14: water-health-environment link: celebrating local champion
30 Jan 09	Seminar/FGD	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
7 Feb 09	Seminar/Media gathering	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
15 Feb 09	Media visit	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
19 Feb 09	Communication event/Talkshow	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
24 Feb 09	Communication event/Talkshow	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
28 Feb 09	Communication event/Talkshow	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'

DATES	TYPE OF EVENTS	DESCRIPTION
03 Mar 09	Communication event/ Writing article by expert	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for Healthier Community'
03 Mar 09	Communication event	To develop ESP Best Practices, Lessons Learned (draft of book)
22 Mar 09	Commemoration event	To conduct water testing day on World Water Day 2009
4-25 Mar 4-25 09	Communication Event	To carry out hygiene campaign through posyandu activities in Cikidang, Lembang
Jan 12, 09	Presentation of Sanitation Mapping	To conduct presentation of sanitation mapping for PDAM Kota Bandung. Need to replicate program to other locations
Mar '09	Seminar of CBSWM program	Multi-stakeholder seminar to support CBSWM program in Tamansari Bandung
Feb- Mar, 09	Field Program	Supervision of CBSWM Work Plan with community in preparation of Multi-stakeholder seminar
Blue Thread in Cikundul – Cilaku, Cianjur		
Mar 09	Communication event	To carry out hygiene campaign through posyandu activities in Nagrak, Cianjur
Feb 09	Training	To strengthen Jampedas as a community body in Cianjur
Jan 09	Land rehabilitation	To rehabilitate 50 ha critical land in Cikundul sub-watershed
Feb- Mar, 09	Field Program	Supervision of CBSWM Work Plan with community to preparation of Multi-stakeholder seminar
Mar 09	Seminar of CBSWM program	Multi-stakeholder seminar to support of CBSWM program in Tamansari Bandung
Blue Thread in Sukabumi (Cimandiri Watershed)		
Jan 12-14, 09	Workshop	To carry out CGH school workshop in Langensari, Sukabumi
Mar 09	Communication Event	To promote hygiene behavior through posyandu activities in Langensari, Sukabumi
Jan-Feb 09	Communication event/ media gathering	To conduct implementation of MMC#15: 'Clean, Green & Hygiene: Legacy for a Healthier Community'
Jan-Mar 09	Field School	To conduct 'hemat air' field school in Batukarut
Mar 09	Study/research	To asses capability of infiltration well
Jan – Feb 09	Implementation	Construction of water supply in 3 villages including Desa Kertajaya Kab. Sukabumi
13 – 16 Jan 09	Training of pipe	To conduct piping installation trainings to a community of 3 isolated villages (dusun) in regard to the water program at Desa Kertajaya, in collaboration with PDAM Kab. Sukabumi
27 – 28 Jan 09	FGD # 5 – 6 of Water program	Supervision of FGD # 5 – 6 in collaboration with BangunFoundation Indonesia for a community at three isolated village at Kertajaya Sukabumi
10 -12 Feb 09	FGD # 7 of Water program	Supervision of FGD # 7 in collaboration with BangunFoundation Indonesia for communities at 3 isolated villages at Kertajaya Sukabumi
Feb to Mar, 09		To carry out of solid waste program at Cisantri, Cijangkar and Citemen Desa kertajaya.

DATES	TYPE OF EVENTS	DESCRIPTION
Feb 09	Monitoring	Monitoring of debit fluctuation of Batukarut Spring as an impact of upstream water protection program for water source capacity of PDAM Sukabumi Regency.
Think nationally, Act Locally - Strategy for Gede Pangrango National Park and Halimun Salak National Park Corridor		
Jan-March 09	Field School	To increase community awareness and participation on forest and water protection.
Jan 6, 09	Survey	To assess the possibility of the sub-watershed potential on water and forest protection.
Jan 5-31, 09	Communication event	To carry out a hygiene campaign through posyandu activities in Cinagara, Bogor
Others (PDAM, etc)		
Jan 09	Facilitating	Reporting the results of Tariff Reclassification survey in PDAM Subang District
Jan – Feb' 09	Survey	Survey Reclassification Tariff in PDAM Sukabumi District
Jan'09	Facilitating	To review and evaluate the results of the Motivation Training of PDAM Bandung Regency in setting up the Action Plan.
Jan'09	Contract Signing and Implementation	Contract signing with PT. Sehati as a winner of the Fixed Price Subcontractor tender on NRW reduction program of PDAM Bandung Municipality. Additional focus on implementation.
Jan'09 – March'09	Hydrogeology Survey	Identifying and evaluating the decrease of deep wells capacity of PDAM Sukabumi and Bandung Municipality.
Feb'09	FGD/Workshop	Possibility of Master Meter implementation program in PDAM Sukabumi Municipality.

CENTRAL JAVA

DATES	TYPE OF EVENTS	DESCRIPTION
		Bolong Integrated Site
27 Jan	Workshop	Program orientation on Community-based water supply
14 – 16 Januari	Training	Campaign on Clean and Health Behavior by Posyandu cadres
14 Januari	Talk Show	Radio Talk Show with CGH theme
12-15 Februari	Event	Media Festival on Natural Conservation
7 February	Event	Tree planting and conservation campaign
January - March	Event	Development of infiltration wells to support participatory spring protection.
		Soti Integrated Site
27 Jan	Workshop	Evaluation workshop on CGH School
21-22 January	Training	Basics of Conservation Planning and Biodiversity Conservation
24 February	FGD	Identification of Payment for Environmental Services
25 March	Workshop	Evaluation of Model Desa Konservasi (MDK)
		Hilir Integrated Site
28 January	Workshop	Evaluation Workshop on CGH Community
3-5 February	Training	Communication base training on Clean and Healthy Behavior
17 February	Lokakarya	Multi-stakeholder workshop on CGH Model implementation
17 February	Workshop	Development of collaborative conservation management of the southern Merapi Mountain slope
		Clean, Green, and Hygiene in Yogyakarta
29 Jan	Workshop	Program orientation of Communal MCK implementation
27 Jan	Workshop	Evaluation workshop on CGH school development
15 Januari	Talk Show	Radio Talk Show with the theme CGH Yogyakarta
12 Maret	Talk Show	TV Talk Show with the theme CGH Yogyakarta
		Collaboration with National Program
14 Jan	Workshop	Inter-village planning meeting to initiate a WSM Plan
27 Jan -12 Marc	Training	Initial Action Field School on Micro-Watershed Model
24 Maret	Workshop	Multi-stakeholder workshop on WSM Plan and forum
16 January	Training	CGH Community in Gabudan Solo.
		Municipal / PDAM Program
January 22	FGD	Final discussion of Corporate Plan development of PDAM Kota Yogyakarta – Socialization of Corporate Plan Document
January 19	Survey	Isolation Test of NRW pilot area of PDAM Kabupaten Temanggung

DATES	TYPE OF EVENTS	DESCRIPTION
Januray 28	Work Shop	Workshop on NRW reduction results in PDAM Kota Magelang, in cooperation with ETC Neterlands
February 10	FGD	Second discussion of SOP development of PDAM Kota Magelang
February 24	Survey	Step Test of NRW pilot area of PDAM Kabupaten Temanggung

EAST JAVA

DATES	TYPE OF EVENTS	DESCRIPTION
Mini ESP in Sumber Brantas		
Jan 15	Workshop	Watershed management forum in collaboration with LGSP
Jan 22	Workshop	Launching and demonstration of “wengkon”, a social forestry model initiated by tripartite forum
Jan 26	Workshop	For 30 health and environmental teachers from Kota Batu
Jan-Mar	TV shows	Promoting CGH concepts
Jan-Mar	Radio airing programs	Serial and interactive (MMC #15)
Feb 3	Workshop	WSM Plan re-drafting, collaboration among FFS alumni, Perhutani, and local government
Feb	Workshop	GIS tool development for the WSM Tool Kit
Mar	Campaign	Management on recharge area, water supply and sanitation, and behavioral change for improved community health
Mar	Field works	Money on rehabilitated land and survival rate of tree planting
Mar	Workshop	Monitoring and evaluation of rehabilitated land and forests to gauge progress and constraints also determine properly both social and technical issues
Mar	Training	Sanitation for Fokal Mesra of Kota Batu related to improving sanitation
Mini ESP in Welang-Brangkal		
Jan 13	Workshop	Advisory group meeting on business forum CFCD on PES
Jan 15	Campaign	On HWWS in schools and community, including HWWS event for 1,000 MI/NU students in Kab. Pasuruan
Jan-Feb	Serial workshop	PPP on “Hutan Asuh” in Kab. Pasuruan
Mar	Field observation	Money on rehabilitated land and survival rate of tree planting
Mar	Field training & Cross-visit	Field practices and demonstration of plot setting for bee keeping; collaboration with Perhutani and FFS alumni
Mini ESP in Kota Malang and Kabupaten Malang (Ambang-Lesti-Melamon)		
Jan 14	Workshop	Citywide sanitation Strategic Plan for Kab. Malang
Jan 20	Workshop	Sanitation Action Plan for Kab. Malang
Feb 16	Training	Plastic waste management for Kepanjen community, Kab. Malang
Feb 18	Workshop	Multi-stakeholder cost sharing as an advance step of tripartite forum to gain wider support from district government of Malang
Feb	Workshop	For teachers in 5 new CGH schools in Malang Raya
Mar	Field works	Money on rehabilitated land and survival rate of tree planting
Mar	Training	Village conservation model and micro-watershed model; collaboration of BP DAS Brantas,

DATES	TYPE OF EVENTS	DESCRIPTION
Mar	Training	TNBTS, Perhutani Malang, PDAM and Dinas Kehutanan District Malang For Kab. Malang local government related to improving sanitation
Anchor Site Kota Surabaya and CGH in Lemah Putro, Sidoarjo (Maspo Sub-watershed)		
Jan 21	Workshop	Sanitation Action Plan for Surabaya
Jan-Feb	TV Program	4 serial talk shows
Feb 25	Training	CBSWM for Lemah Putro community, Kabupaten Sidoarjo
Feb	Workshop	Muhammadiyah CGH curriculum development
Mar	Workshop	CBS to improve sanitation
PDAM Work Plans		
Jan 21	Workshop	Corporate Plan for PDAM Kab. Malang
Jan	Workshop	Development of project manuals for the OBA for Surabaya
Jan	Survey	Completion of customer satisfaction survey for PDAM Kota Pasuruan
Jan-Mar	Field work	Spring protection through land rehabilitation and civil works for PDAM Kab. Malang
Jan-Mar	Campaign & Promotion	Support Micro-Credit program for PDAMs in Surabaya, Sidoarjo, Kota Malang, & Kab. Malang
Jan-Mar	Survey	Water demand for PDAM Kota Malang
Feb 10-12	Training	Communication skills for PDAM Kota Pasuruan
Feb	Training	Google Earth™ downloading and processing into spatial raster database including field verification for PDAM Surabaya, Gresik, and Sidoarjo
Mar	Cross-visit	PDAM Kab. Malang, Perhutani KPH Malang, and TN BTS to Magelang to learn about spring protection initiative through forum collaboration

Appendix B: Training, Workshop and seminar Activities of First Quarter of Fifth Year (Period of October - December 2008)

Environmental Services Program (ESP) Indonesia

Project Number: 497-M-00-05-00005-00

Type	Province	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total							3,029	38.83%	\$50,556.90
Training Course	NAD	Sosialisasi Undang-Undang Persampahan dan Tata Cara Pemanfaatan Sampah (10 Kota dan Kabupaten di NAD	Nanggro Aceh Darussalam	11/1/2008	11/30/2008	30	300	58.30%	1,375,000
	North Sumatra	Kajian Biodiversity untuk Keberlanjutan Perikehidupan Masyarakat di Kawasan Sibolangit	Bumi Perkemahan Sibolangit	7/18/2008	7/22/2008	5	34	35.30%	5760300
		Monitoring dan Evaluasi Partisipatif Kelompok SL-SLA 9 Desa di Kawasan Sibolangit (Desa Sibolangit Kuta, Desa Puangaja, Desa Betimus Mbaru, Desa Rumah Sumbul, Desa Batu Layang, Desa Rumah Pil-pil, Desa Bandar Baru dan Desa Durin Sirugun dan Desa Sikeben) Kabupaten Deli Serdang, Sumatera Utara	Sibolangit	9/8/2008	9/20/2008	8	43	37.20%	13736300
		Training for Dinas Kehutanan, Badan LH dan Bappeda Kabupaten Langkat dan Karo	Berastagi	11/11/2008	11/13/2008	3	16	6.30%	No budget needed
	Central Java/DIY	Pertemuan Pembelajaran dan Penerapan Aksi Di Lapangan Peningkatan Sarana Air Limbah dan Air Bersih, Sekolah Dasar Negeri Kaponan, Desa Kaponan, Kecamatan Pakis, Kabupaten Magelang	SDN Kaponan, Magelang	7/29/2008	9/12/2008	14	25	36.00%	2,350,000
	East Java	Sekolah lapangan thematic perlindungan sumber air baku PDAM Jenglong	Pelus, Jenglong Desa Duwet dan Sumber Kajar Kec Kepanjen Kabupaten Malang	8/1/2008	9/30/2008	45	25	24.00%	19500000
		Sekolah lapangan thematic perlindungan sumber air baku PDAM Sumber Kajar	Desa Jatisari, Kec Pakisaji, Kabupaten Malang	8/1/2008	9/30/2008	45	25	20.00%	15500000

Type	Province	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total							3,029	38.83%	\$50,556.90
Training Course (cont')	East Java (cont')	Pelatihan Berjenjang Penguatan Model Teknologi Pembibitan di Masyarakat Melalui Tindak Lanjut Sekolah Lapangan	Desa Kemiri dan Desa Gumeng	9/1/2008	9/30/2008	8	50	18.00%	5,900,000
		Pembangunan database GIS berbasis citra satelit Google Earth™ untuk mendukung kegiatan Survey Kebutuhan Nyata dan Kepuasan Pelanggan (SKN-SKP) PDAM Kota Malang.	ESP Malang office	9/8/2008	9/12/2008	5	2	0.00%	4,175,000
		Pelatihan Pengelolaan Sampah Kering Menjadi Kerajinan bagi Kader Kota Malang	Kota Malang	12/11/2008	12/12/2008	2	49	85.70%	11,532,450
		Pelatihan Pengolahan Sampah Kering Kota Malang	Perpustakaan kota Malang	12/11/2008	12/12/2008	2	42	90.50%	2,400,000
		TOT kader CTPS – CGH, Lemah Putro, Sidoarjo	SD Lemah Putro I	12/14/2008	12/14/2008	1	28	92.90%	3,338,400
Workshop	National	Mini Baseline Roadshow	DKI Jakarta, Bandung, Yogyakarta, Surabaya & Deli Serdang	4/30/2008	7/14/2008	30	225	22.70%	22,745,900
		Small Grant Program NGO Capacity Building	4 HPP	5/22/2008	7/4/2008	24	120	32.50%	68,468,060
	NAD	Penyusunan Perdes desa Jalin	Desa jalin Jantho	8/20/2008	9/20/2008	40	32	84.40%	9,000,000
		Penyusunan Perdes desa aweek	Desa Aweek kec.kota Jantho,Kab Aceh Besar	8/21/2008	9/21/2008	40	27	33.30%	9,000,000
	North Sumatra	Workshop Community Mobilization Septic Tank Communal In Yong Panah Hijau, Medan City	Lingkungan VII Yong Panah Hijau, Medan Labuhan, Medan	9/10/2008	9/12/2008	3	41	39.00%	9,833,000
		Perpulangan Kuta-Kuta Mendorong Forum Masyarakat Serta Rencana Kerja Bersama di Kawasan Sibolangit	Sibolangit	7/1/2008	9/22/2008	84	53	38.80%	13081000
		Workshop Mendudukan Kesepahaman Antar Multitipihak dalam Pegelolaan dan Perlindungan Kawasan di Lau Biang	Jambur	10/15/2008	10/15/2008	1	30	33.30%	1,553,000
		Workshop Persiapan Sekolah Lapangan Tabungan Air	ESP Sumatera Utara, Jl Slamet Riyadi No. 6 Medan	11/11/2008	11/11/2008	1	15	26.70%	873,140

Type	Province	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total							3,029	38.83%	\$50,556.90
workshop (cont')	East Java	Sanitation Strategic Planning Final Workshop	Pemerintah Kota Surabaya	12/10/2008	12/10/2008	1	21	47.60%	1,548,900
		Finalisasi modul/RPP pendidikan kota batu	Kantor ESP Malang	10/21/2008	10/21/2008	1	9	44.40%	1,118,800
		One day Small Workshop on OBA Fund Channeling	ESP Surabaya Office	10/29/2008	10/29/2008	1	15	40.00%	390,000
		Workshop ke 2 Finalisasi modul /RPP Pendidikan Lingkungan Hidup, kota batu	ESP Office	11/3/2008	11/13/2008	2	7	28.60%	2,315,650
Study Tour	East Java	Field visit of Watsan Assessment Team and USAID in Wonokromo	RW II, V, VI Wonokromo Village	11/5/2008	11/7/2008	3	58	91.40%	1,103,500
Farmer Field School	NAD	QRI3/SL Siklus IV Desa Fajar dan Rentang, Kecamatan Sampoiniet, Kab. Aceh Jaya	Fajar dan Rentang, Kec. Sampoiniet- Aceh Jaya	6/9/2008	8/31/2008	81	30	3.33%	6404000
		QRI3/SL Siklus IV Desa Padang, Kec. Setia Bakti, Kab. Aceh Jaya	Desa Padang	6/9/2008	8/31/2008	81	38	52.60%	6487000
	North Sumatra	SL - Agroforestry: Pengkajian Pola Tani Kebun Campur Dalam Upaya Melindungi Daerah Tangkapan Air Kawasan DAS Deli, Kecamatan Sibolangit, Deli Serdang (Desa Mbetimus Baru dan Desa Derek) April s/d Juli 2008	Desa Mbetimus Baru dan Desa Derek	4/1/2008	8/31/2008	120	45	64.40%	18035015
		Sekolah Lapang Kebun Campur (FS-Agroforestry): Pengkajian Pola Tani Kebun Campur Dalam Upaya Melindungi Daerah Tangkapan Air Kawasan DAS Deli, Kecamatan Sibolangit, Deli Serdang (Desa Batu Layang dan Desa Rumah Sumbul)	Desa Batu Layang dan Desa Rumah Sumbul	6/9/2008	9/9/2008	93	45	53.50%	19310295
		Sekolah Lapangan di Sub DAS Bohorok, Desa Timbang Lawan Kecamatan Bohorok, Kabupaten Langkat	Dusun VII & VIII, desa Timbang Lawan	8/1/2008	9/25/2008	90	25	72.00%	9554425
		Sekolah Lapangan (Pengembangan Kelompok) di Sub DAS Bohorok, Dusun Bandar Meriah Desa Samperaya, Kecamatan Bohorok, Kabupaten Langkat	Dusun Bandar Meriah, Kec Bohorok, Kab. Langkat	7/1/2008	11/30/2008	92	41	73.20%	2,192,272

Type	Province	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total							3,029	38.83%	\$50,556.90
Focus Group Discussion	NAD	FGD PDAM Customer Forum Banda Aceh City	Kantor ESP	11/5/2008	11/5/2008	1	50	10.00%	3,045,000
		FGD Persiapan kegiatan Water Quality Monitoring Di desa Lagen, Jabi dan Kampung Baru Kabupaten Aceh Jaya-Calang	Aceh Jaya-Calang	11/18/2008	11/23/2008		40	50.00%	1,847,500
		FGD Penentuan anggaran dasar tarif air di desa Pante Kuyun	Meunasah Pante Kuyun	12/2/2008	12/2/2008	1	22	4.50%	807,000
	North Sumatra	Konsultasi Publik PERDES "Pengelolaan dan Pengawasan Tahura Bukit Barisan" Desa Tanjung Barus, Kecamatan Barus Jahe, Kabupaten Karo	Desa Tanjung Barus, Kecamatan Barus Jahe, Kabupaten Karo	7/10/2008	9/30/2008	1	282	39.40%	4,470,000
		Penguatan Kapasitas Kelompok untuk Sekolah Lapangan dalam Mendorong Pegelolaan Kawasan Sub DAS Lau Biang dan Pertanian Ekologis di Hulu DAS Wampu (Ekosistem Tahura) Kabupaten Karo, Sumatera Utara	kawassan lau biang	10/10/2008	12/25/2008	75	16	25.00%	6,486,075
		Participatory Design of Sanitation Facility in Panah Hijau	Yong Panah Hijau, Medan	10/21/2008	10/24/2008	4	40	77.50%	9,300,000
	West Java	Round-table discussions (NGO) under MMC#14: Celebrating Local Champion	Walhi West Java Secretariat	11/17/2008	11/17/2008	1	15	20.00%	1,000,000
	Central Java/DIY	Development of local policy at village level in natural resources management in Ngargomulyo Village	Ngargomulyo Village	7/15/2008	9/26/2008	72	345	8.70%	6182250
		Lokakarya Pengembangan Workplan 2008-2009	Hotel Lor in -Solo	9/15/2008	9/17/2008	2.5	21	33.30%	19,568,000
		Kunjungan Media di Lokasi Pengelolaan Air Bersih Berbasis Masyarakat di Desa Ngrancah Kecamatan Ngablak Kabupaten Magelang	Desa Ngrancah, Kecamatan Ngablak Kabupaten Magelang	11/8/2008	11/8/2008	1	20	25.00%	2,031,850
	East Java	Serial FGDs and Socialization for community based sanitation system development in Kemiri Village	Dusun Mrasih Desa Kemiri Kecamatan Pacet Kabupaten Mojokerto	6/15/2008	9/30/2008	99	25	28.00%	54,654,500

Type	Province	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total							3,029	38.83%	\$50,556.90
Training of Trainers	Central Java/DIY	Training for Trainers for Development of Rencana Pembangunan Jangka Menengah (RPJM) Desa	Desa Banyuroto, Kecamatan Sawangan, Kabupaten Magelang	8/24/2008	8/26/2008	3	65	36.90%	20,805,550
		TOT of Village Facilitator Jlegong Sub-sub Watershed	Alas Kethu, Wonogiri	11/3/2008	11/7/2008	5	17	5.90%	13,155,200
	East Java	Training of Trainer (TOT) Bagi Community Organizer (CO) dan Petani Maju peserta Sekolah Lapangan Pelsetarian Lahan dan Air (PLA) Kerjasama ESP dengan Direktorat Pelestarian Lahan dan Air	Balai Latihan peternakan, Songgoriti Kota Batu.	11/16/2008	11/19/2008	4	44	9.10%	12,621,300
Public/ General Discussion	Central Java/DIY	Aksi Tanam Pohon untuk Perbaikan Daerah Tangkapan Air	Desa Seloprojo, Kecamatan Ngablak, Kabupaten Magelang	11/20/2008	11/29/2008	10	511	26.80%	10,456,500

APPENDIX C: Summary of ESP Achievements based on PMP, Third Quarter of Program Year 4

- Appendix C1: Summary of Achievement of Collaborative Program
(Cross Cutting Theme/Integration #0.a.)
- Appendix C2a: Summary of Achievement of Public Outreach and communication
(Cross Cutting Theme/Integration - Deliverable 0.b.1.) - Campaign by ESP
- Appendix C2b: Summary of Achievement of Public Outreach and communication
(Cross Cutting Theme/Integration - Deliverable 0.b.2.) - Campaign by ESP Partners
- Appendix C2c: Summary of Achievement of Public Outreach and Communication
(Cross Cutting Theme/Integration #0.b-3.) - Campaign Materials Developed and Produced
- Appendix C2d: Summary of Achievement of Public Outreach and Communication
(Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage
- Appendix C3: Summary of Achievement of People Participated in ESP Trainings and Workshops
(Cross Cutting Theme/Integration #0.c.)
- Appendix C4: Summary of Increasing of Rehabilitated Land to Improve Watershed Function
for Water Supply (WS Outcome #1.b.)
- Appendix C5: Summary of People Benefiting from Community-based Coastal Rehabilitation
Activities in Tsunami Impacted Area in Aceh (WS Outcome #1.d.)
- Appendix C6: Summary of Achievement of Number of Community Groups Implement Improved
Natural Resource Management (WS Outcome #1.f.)
- Appendix C7: Summary of People Trained in Effective Hand washing with Soap
(SD Outcome #2.f.c.)
- Appendix C8: Summary of Development of Micro Credit Scheme to Support People Get Access to
Clean Water (FN Outcome #3.e.)
- Appendix C9: Summary of Achievement on Payment for Environmental Services
(FN Outcome #3.f.)
- Appendix C10: Summary Achievement of Leveraging Other Funding to Support ESP Program
(FN Outcome #3.g.)

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Appendix C1: Summary of Achievement of Collaborative Program (Cross Cutting Theme/Integration #0.a.)

Status: December 2008

Quarter	# of PPP	Program Name	Partner Organization	Location	Description
First Quarter (Oct 08 - Dec 08)	1	Global Handwashing Day	Health Services Program (HSP), Safe Water System (SWS)	DKI Jakarta/National	Global Handwashing Day Event in SDN Marunda 02. Collaboration in terms of funding and media coverage for all parties
	2	Biodiversity Training and PDAM Financial Training	AED (Academy for Educational Development)	National	AED implement two trainings for the ESP partners such as Biodiversity and Sustainable Economic Development training for community leaders and PDAM Financial training for PDAM senior manager.
	3	Global Hand Washing Day in Surabaya municipality and Pasuruan district	Health Services Program (HSP), Safe Water System (SWS)	East Java	USAID's partners were participated actively in the event and provide support of financial and other logistic needs for the event
	4	Training of Trainers for health hygiene cadres	Health Services Program (HSP), Safe Water System (SWS)	North Sumatra	ESP take a led on this activity while the other USAID Program play roles on facilitating the training on the subject respectively"
	5	Global Hand Washing Day	Food Security and Nutrition (FSN), Health Services Program (HSP), Safe Water System (SWS)	North Sumatra	This event was targeted to conduct advocacy on promoting improved hygiene behavior and celebration the day with several USAID partners (HSP, SWS and FSN partner/Save the Children) in Kota Medan.
	6	Psychosocial campaign for kids	US Consulate	North Sumatra	In this event, ESP collaborated with the US Consulate, Children World International Organization, and PMI
Sub-total collaborative program during in the First Quarter of FY 2009			6		
Total Collaborative Program with Other USAID's Program up to First Quarter of FY 2009			6		
Total Collaborative Program with Other USAID's Program up to end of FY 2008			66		
To date achievement of total collaborative program with Other USAID's Program			72		
Target of the collaborative program with other USAID's Program over the life of project			10		
Percentage of to date achievement of total collaborative program with Other USAID's Program			720.00%		

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Appendix C2a: Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration - Deliverable 0.b.1.)

- Campaign by ESP

Status: December 2008

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Campaign Activities	Location
First Quarter (Oct 08 - Dec 08)	1	MMC #14: Water-Health-Environement: Celebrating Local Champion	Media Relation	Media Visit (3), Media Gathering (3)	North Sumatra, DKI Jakarta,
			Media Campaign	Radio Talk Show (14), TV Talk Program (1)	West Java, Central Java, East Java
			Communication event	Ngo discussion (1), event on celebrating Global Hand Washing Day (4), Workshop on advocacy media (1), Public discussion (1)	
	2	Campaign supported SD Issue	Media Campaign	Pembuatan Film Sanitasi Kota Yogyakarta "Meniti Hari, Menata Sanitasi. Sebuah Pelajaran Pengelolaan Sanitasi Kota Yogyakarta"	Central Java/DIY
	3		Media Campaign	Media visit launching master meter Lemah Putero, Sidoarjo	East Java
	4		Media Relation	Comunal Sanitation for Urban in Rusunawa Medan	North Sumatra
	5			Supporting Campaign to USAID Pakistan came to acces water for the poor in Langkat	North Sumatra
	6	Campaign supported PM Issue	Media Relation	Water for The Poor Launching Press Conference	National supported by North Sumatra
	7	Campaign supported WSM Issue	Media Relation	Seminar DAS untuk Mencegah Bencana	National
	8			Media visit; Sumber Rejo, Pasuruan. Menggerakan genset dengan methane biogas.	East Java
	9		Communication event	Media Visit on Field Day Sibolangit	North Sumatra
	Sub Total of Campaign Activities by ESP during 1st Quarter				9
Total Campaign Activities by ESP during in PY 2009					9
Total Campaign Activities by ESP up to end of PY2008					87
To date achievement of the Campaign Activities by ESP					96
Total target on the Campaign activities conducted by ESP					80
To date percentage of achievement of the Campaign Activities by ESP					120.00%

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Appendix C2b: Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration - Deliverable 0.b.2.) - Campaign by ESP Partners

Status: December 2008

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Location	Partner's Name
First Quarter (Oct 08 - Dec 08)	1	Pentas Teater dan Diskusi Kelestarian Alam dalam Perspektif Seni dan Budaya	Communication event	SMK YP 17 Kota Magelang (Central Java)	Harian Suara Merdeka, SosioTeatrikal Magelang, Dewan Kesenian Kota Magelang
	2	Special Topic in Radio Talkshow ; Spatial Planning and Public Participation	Media Relation	Studio Radio SMART FM Medan (North Sumatra)	USA D OCSP
	3	Peringatan bulan menanam pohon 2008 : Perempuan menanam bagi penyelamatan lingkungan	Communication event	Kampung Cikalung, Desa Wangunharja Kec. Lembang, Kab. Bandung Barat	Kelompok Kerja Komunikasi Air (K3A)
	4	Release PDAM Tirtanadi Received Award from USAID on Water for the Poor Program	Media Relation	PDAM Tirtanadi Office	PDAM Tirtanadi - Medan
Sub Total of Campaign Activities by ESP Partners during First Quarter					4
Total Campaign Conducted by ESP Partners during in PY 2009					4
Total Campaign Conducted by ESP Partners up to end of PY 2008					68
To date achievement of the total Campaign Conducted by ESP Partners					72
Total Target of the total Campaign Conducted by ESP Partners					40
To date achievement of the total Campaign Conducted by ESP Partners					180.00%

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Appendix C2c: Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration #0.b-3.) - Campaign Materials Developed and Produced

Status: December 2008

Quarter	Type of Campaign	Location	Materials Produced
I 1st Quarter (Oct 07 - Dec 07)	MMC #14: Water-Health-Environement: Celebrating Local Champion	North Sumatra, DKI Jakarta, West Java, Central Java, East Java	Press backgrounder (41), USB for reporter (20), Back drop (3), Umbul-umbuk (1), Fact sheet (9), Press release (4), t-shirt (240), vandel (6), Poster (12), Bag (105), Pen (75)
	Pembuatan Film Sanitasi Kota Yogyakarta "Meniti Hari, Menata Sanitasi. Sebuah Pelajaran Pengelolaan Sanitasi Kota Yogyakarta"	Central Java / Yogyakarta	Film documentation
	Media visit launching master meter Lemah Putero, Sidoarjo	East Java	Press backgrounder (1)
	Comunal Sanitation for Urban in Rusunawa Medan	North Sumatra	Press backgrounder (1)
	Supporting Campaign to USAID Pakistan came to acces water for the poor in Langkat	North Sumatra	Fact sheet (1)
	Water for The Poor Launching Press Conference	DKI Jakarta/National supported by North Sumatra	Press Release (EN/ID), Bags, Fact Sheet (2), Resource Person Contact Sheet (1), MC Cue Cards (19), Short Documentary of Master Meter (1) Poster sample of book content display (8), Back Drop (2), Modul Audio Visual Access Clean Water for The Poor
	Seminar DAS untuk Mencegah Bencana	National	Presentation for Emil Salim (1), Media Backgrounder (2), Press Release Data Feed for Dephut (1)
	Media visit; Sumber Rejo, Pasuruan. Menggerakan genset dengan methane biogas.	East Java	Press Background (1)
	Media Visit on Field Day S bolangit	North Sumatra	Press Backgrounder (1), Factsheet (1)
Sub Total of Sets of Campaign Materials Developed during First Quarter			9
Total Sets of Campaign Materials Developed during in PY 2009			9
Total Sets of Campaign Materials Developed up to End of PY 2008			74
To date achievement of the total Sets of Campaign Materials Developed			83
Total target on the campaign materials developed over the life of the project			80
Percentage of to date achievement of the campaign materials developed			103.75%

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Appendix 2d:Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage

Status: December 2008

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign
First Quarter (Oct 08 - Dec 08)	North Sumatera	Radio	Smart FM	1	0	0
			SMART FM	2	0	0
	DKI Jakarta/National	TV	TransTV	1	0	0
			DAAI TV	1	0	0
			Metro TV	1	0	0
			TV One	1	0	0
			Indosiar	1	0	0
			Televisi Pendidikan Indonesia	2	0	0
			JakTV	2	0	0
		Magazine	Percik	1	0	0
			Bobo	1	0	0
			Percik	1	0	0
			Majalah PU	1	0	0
		Online	Perempuan.com	1	0	0
			JakartaUtara.com	2	0	0
			Republika	1	0	0
			Majalah PU	1	0	0
			Tempo Interactive	1	0	0
			Medan Bisnis Online	1	0	0
		Tabloid	Kids Magazine	1	0	0
		Radio	Elshinta	1	0	0
			KBR68H	2	0	0
			VOA	1	0	0
			Green Radio	2	0	0
			Green Radio	1	0	0
			VOA	1	0	0
			BBC London	1	0	0
			KBR68H	1	0	0
		Newspaper	Jakarta Post	1	0	0
			Kompas	1	0	0
			Jakarta Post	1	0	0
			Jakarta Post	1	0	0
			Indopos	1	0	0
			Warta Kota	1	0	0
	West Java	Radio	PRSSNI	1	0	0
			Walagri FM	2	10000	20,000
			Trijaya FM	2	0	0
			RRI Pro 1 AM Bandung	2	1000000	2,000,000
			Rase	1	95000	95,000
			K-lite	1	0	0
		TV	Antassalam FM	1	231000	231,000
			Padjadjaran TV	2	0	0
			STV	2	0	0
			IMTV	1	0	0
			Bandung TV	2	0	0
		Newspaper	Tadjuik	3	3000	9,000
			Republika	1	7000	7,000
			Galamedia	1	74000	74,000
			Koran Tempo	1	0	0
			Tribun Jabar	1	62000	62,000
			Radar Bandung	1	6000	6,000
			Pikiran Rakyat	6	336000	2,016,000
			Koran Seputar Indonesia	2	15000	30,000
		Online	www.republika.co.id	1	0	0
			www.tribunjabar.co.id	1	0	0
			www.pikiran-rakyat.com	5	0	0
			www.tempointeraktif.com	1	0	0
			www.seputar-indonesia.com	1	0	0
			www.klik-galamedia.com	1	0	0
			www.solopos.co.id	1	0	0
			www.kr.co.id	1	0	0
	Central Java/DIY		www.kompas.com	1	0	0
			www.jawapos.co.id	1	0	0
			www.mediaindonesia.com	2	0	0
			www.suarapembaruan.com	2	0	0
			www.wawasandigital.com	4	0	0
			www.koranjogja.com	2	0	0
			www.tempointeraktif.com	3	0	0
			www.seputar-indonesia.com	1	0	0
			Suara Merdeka.Com	3	0	0

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Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign	
First Quarter (Oct 08 - Dec 08)	Central Java/DIY	Newspaper	Solo Pos	1	0	0	
			Koran TEMPO	5	0	0	
			Bernas Jogja	1	0	0	
			Harian Jogja	3	0	0	
			Suara Pembaruan	2	0	0	
			Bisnis Indonesia	1	0	0	
			Harian Joglosemar	3	0	0	
			Radar Jogja-Jawa Pos	2	0	0	
			Suara Merdeka	19	1000000	19,000,000	
			Kedaulatan Rakyat	2	150000	300,000	
			Koran Sore Wawasan	6	325200	1,951,200	
			Seputar Indonesia	1	0	0	
		Radio	Radio UNISI FM Yogyakarta	1	0	0	
			Radio GEMILANG FM Magelang	1	0	0	
	TV	Retjo Buntung (RB TV)	1	0	0		
		Terang Abadi Televisi (TA TV)	1	0	0		
	East Java	TV	JTV	3	0	0	
			SCTV	2	0	0	
			RCTI	2	0	0	
			A TV	3	0	0	
			TV One	2	0	0	
			Batu TV	2	0	0	
			Malang TV	3	0	0	
			Radio	Mas FM	3	0	0
		Elshinta		2	0	0	
		Kosmonita		2	0	0	
		Tidar Sakti		4	0	0	
		Citra Malang		8	0	0	
		SCFM Surabaya		2	0	0	
		JJ FM Surabaya		3	0	0	
		Suara Surabaya		4	0	0	
		Online	kompas.com	2	0	0	
			beritajatim.com	3	0	0	
			detiksurabaya.com	2	0	0	
			tempointeraktif.com	2	0	0	
		Newspaper	Jawa Pos	7	0	0	
			Koran Tempo	4	0	0	
			Surabaya Post	3	0	0	
			Surya	3	0	0	
			Radar Surabaya	3	0	0	
			Media Indonesia	2	0	0	
			The Jakarta Post	2	0	0	
			Bisnis Indonesia	2	0	0	
			Seputar Indonesia	8	0	0	
			Radar Malang	8	0	0	
			Kompas	4	0	0	
Sub Total of Media Coverage during First Quarter				255	People Reached by Media Campaign during First Quarter	25,801,200	
Total Media Coverage during in FY 2009						25,801,200	
Total Media Coverage up to end of FY 2008						1,314,354,060	
Total Media Coverage up to End of Year of 2006						0	
To date achivement of the total People Reached by Media Campaign						1,340,155,260	

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Appendix C3: Summary of Achievement of People Participated in ESP Trainings and Workshops (Cross Cutting Theme/Integration #0.c.)

Status: December 2008

Quarter	Region	Total People Trained based on Type of training								Total Average of Women Participation (%)	Total Budget Spent for Training Activities
		Training Course	Workshop	Study Tour	Farmer Field School	Focus Group Discussion	Training of Trainers	Public/ General Discussion	TOTAL		
First Quarter (Oct - Dec 08)	National	0	345	0	0	0	0	0	345	38.83%	\$50,556.90
	NAD	300	59	0	68	112	0	0	539		
	North Sumatra	93	0	0	156	338	0	0	587		
	DKI Jakarta	0	0	0	0	0	0	0	0		
	West Java	0	139	0	0	15	0	0	154		
	Central Java	25	0	0	0	386	82	511	1004		
	East Java	221	52	58	0	25	44	0	400		
Total		639	595	58	224	876	126	511	3029		
Total People Trained in the ESP training, workshops and seminars during FY 2009											3,029
Average of women participated in the trainings, workshop and seminars up to end of 2009											38.83%
Total Budget Spent for the training, workshop and seminars up to end of 2009											\$50,556.90
Total People Trained in the ESP training, workshops and seminars up to end of FY 2008											50,029
Average of women participated in the trainings, workshop and seminars up to end of FY 2008											39.85%
Total Budget Spent for the training, workshop and seminars up to end of FY 2008											\$ 1,297,681.83
To date Achievement of Total People Trained in the ESP training, workshops and seminars											53,058
To date Achievement of Average of women participated in the trainings, workshop and seminars											39.34%
To date of Total Budget Spent for the training, workshop and seminars (up to end of PY 2007 and this Quarter)											1,348,238.73
Total Target of People Trained in the ESP training, workshop and seminars over the life of the project											12,000
Percentage of to date Achievement of Total People Trained in the ESP training, workshops and seminars											442.15%

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Appendix C4: Summary of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #1.b.)

Status: December 2008

Quarter	Region	Sub DAS	District	Rehabilitated Area (hectares)	Remarks
First Quarter (Oct 08 - Dec 08)	NAD	Krueng Aceh	Aceh Besar	225	Land rehabilitation program implemented in Teladan (village of Forum Permata member) and Jalin (village of Forsaka member). Most seedling were provided by Dishutbun Aceh Besar/Province. Total seedling planted is 22,350.
		Krueng Sabee-Geupue	Aceh Jaya	90	Rehabilitation conducted in villages of FPKL member. Most seedling were provided by Dishutbun Aceh Jaya. Total seedling planted is 56,625.
	North Sumatra	Lau Petani	Deli Serdang	115	The rehabilitation program was conducted in Betimus and Durin Sirugun villages. A total of 1,500 manggis seedling planted on 14-16 November 2008. Plus tree planting program in 9 villages of Sibolangit in collaboration with Forestry services office of Deli Serdang district. This office provided 10,000 seedling consist of manggis, durian, duku, mangga, asam glugur, mahoni dan ingul.
		Lau Biang	Deli Serdang	2	The tree planting was conducted in Tangkidik village on November 8 through planting 200 magahoni seedling.
	DKI Jakarta	Not Applicable			
	West Java	Cikundul-Cilaku	Cianjur	25	17,500 trees have been planted in Ds. Pakuwon, Kec. Sukaresmi, as leveraging program with Dinas Kehutanan Propinsi Jabar and Jampedas.
		Cimandiri	Sukabumi	8	The tree planting program is conducted in 3 villages such as Cihanjavar, Langensari and Ginanjar of Nagrak sub-district. Total seedling planted is 4,800.
		TNGP area	Bogor	44	This tree planting program was conducted in Cinagara village of Caringin sub-district. This tree planting program was conducted with the support from Dinas Kehutanan of Bogor district. Total seedling planted is 22,000.
		Cikapundung	Bandung	55	The tree planting was conducted in 5 villages of Sub-sub-DAS Cigulung (Cikole, Jayagiri, Cibogo, Langensari, Pagerwangi) and 5 villages of sub-sub-DAS Cikawari (Mekarwangi, Suntenjaya, Cikidang, Suntenjaya and Cibodas). Total seedling planted is 16,683.
	Central Java/Yogyakarta	Sub-DAS Blongkeng	Magelang	45	The tree planting program was conducted in 6 villages (Kemiren, Ngablak, Ngargosuko, Ngargomulyo, Krinjing, Keningar) of Magelang district. The seedlings come from the community nurseries of community groups in the villages and Merapi National Park. A total of 9,000 seedling have been planted during in the tree planting program.
		Sub-DAS Bolong	Magelang	275	The tree planting program was conducted in 6 villages (Jogoyasan, Seloprojo, Tirta, Tlogorejo, Kletteran, Citrosono) of Magelang district. The seedlings was supported by the Agriculture Services Office of Magelang district and come from the community nurseries in the villages. A total of 55,000 seedling have been planted during in the tree planting program.
		Sub-DAS Soti	Magelang	209	The tree planting program was conducted in 6 villages (Kenalan, Gondangsari, Banyusidi, Jambewangi, Pogalan, Wulunggunung) of Magelang district. The seedlings was supported by the Environmental Service Office of Magelang district, National Park of Merbabu and community nurseries. A total of 41,850 seedling have been planted during in the tree planting program.
	East Java	Sumber Brantas	Batu	100	The tree planting program was conducted in Bumiaji village and several villages of Bumiaji sub-district under MoU between LG of Bumiaji sub-district and Jasa Tirta. Total seedling planted is 30,000 trees.
		Brangkal	Mojokerto	43	The tree planting program was conducted in Kemiri, Tawangrejo, Jembul, Rejosari and Gumeng villages of Mojokerto distrcit (Brangkal Sub-watershed). Total seedling planted is 10,250 trees.
		Welang	Pasuruan	178	The tree planting activity were conducted in Jatiarjo, Dayuarjo and Tambaksari villages of Pasuruan district (Welang sub-watershed). The tree planting activities were consucted in Perhutani area, Tahura R. Soerjo area and community land. Total seedling planted is 50,000 trees.
		Ambang	Malang	275	The tree planting program was conducted in 5 villages in Ambang Lesti Sub-watershed. The seedling was supported by Perhutani, TNBTS, Rare and community nurseries i the villages. Total seedling planted is 82,700 trees.
Sub total of rehabilitated area (hectares) during First Quarter				1689	
Total achievement of land rehabilitation program during in PY 2009				1689.00	
Total achievement of land rehabilitation program (up to end of PY 2008)				42760.02	
To date achievement of land rehabilitation program (up to end of this Quarter)				44449.02	
Target of land rehabilitation priogram over the life of project				35232	
Percentage of to date achievement of land rehabilitation Program				126.16%	

Environmental Services Program

Appendix C5: Summary of People Benefiting from Community-based Coastal Rehabilitation Activities in Tsunami Impacted Area in Aceh (WS Outcome #1.d.)

Status: December 2008

No	District	Achievement on Total People Benefiting from community-based Coastal Rehabilitation in Aceh									
		FY 05		FY 06		FY 07		FY 08		FY 09	
		Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries
1	Aceh Jaya	0	0	7	2840	8	7785	8	1485	0	0
2	Aceh Besar	Not Applicable		Not Applicable		7	12555	0	0	0	0
	Total Beneficiaries	0	0	7	2840	15	20340	8	1485	0	0
	Total Cumulatif of Number of Beneficiaries		0		2840		23180		24665		24665
	Total Target over the life of project	5820									
	To date percentage of achievement of total beneficiaries	423.80%									

Environmental Services Program

Appendix C6: Summary of Achievement of Number of Community Groups Implement Improved Natural Resource Management (WS Outcome #1.f.)

Status: December 2008

Province	District	Achievement on the Total Community Group Implement Improved Natural Resource Management				
		FY 05	FY 06	FY 07	FY 08 (Q1 & Q2)	FY 09
		Total Community Group	Total Community Group	Total Community Group	Total Community Group	Total Community Group
NAD	Aceh Besar	0	4	46	7	1
	Aceh Jaya	0	3	17	1	2
	Banda Aceh	0	0	2	0	0
	Singkil	0	0	4	0	0
N. Sumatra	Karo	9	3	14	6	10
	Deli Serdang	5	6	8	5	0
	Medan	0	2	0	0	0
	Langkat	0	1	0	6	0
W. Sumatra	Kota Padang	7	2	4	N/A	N/A
West Java	Subang	16	1	4	0	0
	Cianjur	0	22	13	2	4
	Bogor	0	0	1	3	1
	Sukabumi	0	0	1	2	2
	Bandung	0	0	5	0	0
Central Java/DIY	Magelang	0	15	15	18	0
	Boyolali	0	0	0	0	2
East Java	Batu	15	15	5	14	9
	Pasuruan	0	0	7	3	0
	Malang District	0	0	2	9	0
	Kota Malang	0	0	1	0	0
	Mojokerto	0	0	3	6	0
National		N/A				
	Total Number of Community Group	52	74	152	82	31
	Total Cumulative of Community Group (up to September 2008)	52	126	278	360	391
	Total target over the life of project			250		
	Percentage of achievement of number of community group implement NRM			156.40%		

Environmental Services Program

Appendix C7: Summary of People Trained in Effective Hand washing with Soap (SD Outcome #2.f.c.)

Status: December 2008

Quarter	Region	Total People Trained in Effective Hand washing with Soap							
		Training Course	Farmer Field School	Health Festival	Comm. Event	Public/ General Discussion	Media Campaign	Training of Trainers	TOTAL
First Quarter (Oct 08 - Dec 08)	National	0	0	0	0	0	0	0	0
	NAD	0	0	250	0	0	0	0	250
	North Sumatra	0	0	354	0	0	0	98	452
	DKI Jakarta	349	0	0	0	0	0	0	349
	West Java	0	14	0	0	0	0	93	107
	Central Java/DIY	24	0	0	0	511	447	17	999
	East Java	91	0	0	2387	0	0	28	2506
Total		464	14	604	2387	511	447	236	4663
Total People Trained in Effective Hand Washing with Soap during PY 2009									4663
Total People Trained in Effective Hand Washing with Soap up to end of PY 2008									65760
To date Achievement of People Trained in Effective Hand washing with Soap									70423
Total Target on People Trained in Effective Hand Washing with Soap Over the life of Project									80000
Percentage of To date Achievement of People Trained in Effective Hand Washing with Soap									88.03%

Environmental Services Program

Appendix C8: Summary of Development of Micro Credit Scheme to Support People Get Access to Clean

Status: December 2008

Province	No	Name of PDAM	PDAM's Partners	% of Achievement of Development of Micro Credit Program																	Date of Signing of the Master Agreement	Cumulative Number of Connection up to Last Quarter	Number of new connection in this Quarter
				Dec-04	5-Mar	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08			
N. Sumatra	1	Medan Municipality	PT Bank Sumut	0%	0%	0%	0%	0%	0%	0%	44%	44%	44%	50%	50%	50%	50%	50%	81%	100%	2-Dec-08	0	1
	2	Langkat District	N/A	0%	0%	0%	0%	0%	0%	0%	38%	38%	38%	44%	44%	44%	44%	44%	44%	44%	N/A	N/A	N/A
	3	Karo District	N/A	0%	0%	0%	0%	0%	0%	0%	38%	38%	38%	44%	44%	44%	44%	44%	44%	44%	N/A	N/A	N/A
W. Java	4	Bandung District	BRI Cabang Cimahi	0%	0%	0%	0%	0%	0%	38%	75%	94%	94%	94%	94%	94%	94%	94%	94%	94%	1-Sep-06	0	0
	5	Subang District	BRI Cabang Subang	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	20-Dec-06	0	0
	6	Subang District	BRI Cabang Pamanukan	0%	0%	0%	0%	0%	0%	25%	50%	81%	94%	100%	100%	100%	100%	100%	100%	100%	11-Jan-07	25	0
	7	Sukabumi Municipality	BRI Cabang Sukabumi	0%	0%	0%	0%	0%	0%	31%	56%	81%	94%	100%	100%	100%	100%	100%	100%	100%	8-Nov-06	32	0
	8	Sukabumi District	BRI Cabang Sukabumi	19%	13%	13%	13%	13%	13%	13%	13%	13%	0%	0%	69%	69%	69%	100%	100%	100%	N/A	N/A	N/A
	9	Sukabumi District	BRI Cabang Cibadak	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	31%	44%	69%	100%	100%	100%	N/A	38	0
	10	Bogor District	BRI Cabang Kota Bogor	0%	0%	0%	0%	0%	0%	0%	31%	31%	31%	44%	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A
	11	Cianjur District	BRI Cabang Kab. Cianjur	0%	0%	0%	0%	0%	0%	0%	44%	44%	44%	50%	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A
	12	Bogor Municipality	BRI Cabang Kota Bogor	0%	0%	0%	0%	0%	0%	13%	13%	13%	13%	13%	13%	88%	100%	100%	100%	100%	N/A	70	0
	13	Bogor Municipality	BPRS Al-Salam	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	10-Nov-08	0	143
	14	Surakarta Municipality	BRI Cabang Solo Slamet Riyadi	0%	0%	0%	0%	0%	0%	0%	50%	75%	88%	88%	94%	94%	100%	100%	100%	100%	1-Feb-07	25	0
	15	Magelang District	BRI Cabang Magelang	0%	0%	0%	0%	0%	0%	0%	25%	31%	31%	31%	38%	38%	38%	38%	38%	38%	N/A	N/A	N/A
E. Java	16	Surabaya Municipality	BRI Cabang Surabaya Pahlawan	0%	0%	0%	0%	0%	0%	38%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	27-Nov-07	1214	166
	17	Surabaya Municipality	Bank Jatim	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	27-Nov-07	9	0
	18	Surabaya Municipality	BRI Cabang Surabaya Kaliasin	0%	0%	0%	0%	0%	0%	0%	0%	0%	88%	100%	100%	100%	100%	100%	100%	100%	1-Jun-07	38	0
	19	Sidoarjo District	BRI Cabang Sidoarjo	0%	0%	0%	0%	0%	0%	38%	56%	100%	100%	100%	100%	100%	100%	100%	100%	100%	16-Oct-07	2497	758
	20	Malang Municipality	BRI Cabang Kawi Malang	0%	0%	0%	0%	0%	0%	38%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	12-Sep-06	64	0
	21	Malang Municipality	BRI Cabang Malang Martadinata	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	21-Dec-06	21	0
	22	Malang District	BRI Cabang Malang Martadinata	0%	0%	0%	0%	0%	0%	13%	38%	56%	100%	100%	100%	100%	100%	100%	100%	100%	6-Feb-07	1	6
TOTAL																						4034	1074
Total micro-credit program developed with Local bank during in First Quarter of FY 2009																							2
Total micro-credit program developed with Local bank up to end of FY 2008																							14
To date achievement of development of micro-credit program with Local bank																							16
Total Target of development of micro-credit program with Local Bank																							12
To date percentage of development of micro-credit program with Local Bank over the life of the project																							133.33%
Total household get new connection from micro-credit program during in First Quarter of FY 2009																							1074
Total household get new connection from micro-credit program up to end of FY 2008																							4034
To date achievement of household get new connection from micro-credit program																							5108
Total target of household get new connection from micro-credit program over the life of the project																							20000
To date percentage of achievement of household get new connection from micro-credit program																							25.54%
Total people get access to clean water from micro-credit program during in Second Quarter of FY 2008																							5370
Total people get access to clean water from micro-credit program up to last Quarter of FY 2008																							20170
To date achievement of people get access to clean water from micro-credit program																							25540
Total target of people get access to clean water from micro-credit program over the life of the project																							100000
To date percentage of achievement of people get access to clean water from micro-credit program																							25.54%

Environmental Services Program

Appendix C9: Summary of Achievement on Payment for Environmental Services (FN Outcome #3.f.)

Status: December 2008

Province	No	Watershed	Percentage of Step Achieved on Process of Payment for Environmental Services																
			Dec 04	Mar 05	Jun 05	Sep 05	Dec 05	Mar 05	Jun 06	Sep 06	Dec 06	Mar 07	Jun 07	Sep 07	Dec 07	Mar 08	Jun 08	Sep 08	Dec 08
North Sumatra	1	Deli	0%	0%	0%	0%	0%	0%	0%	10%	10%	30%	50%	50%	50%	50%	50%	50%	50%
West Java	2	TNGP	0%	0%	0%	10%	10%	20%	50%	50%	50%	70%	70%	100%	100%	100%	100%	100%	100%
Central Java	3	DAS Progo (Darmowarih)	0%	0%	0%	0%	0%	0%	10%	20%	30%	40%	50%	50%	50%	50%	50%	50%	50%
	4	DAS Progo (PDAM Kab. Magelang)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	90%	100%	100%	100%
East Java	5	DAS Sumber Brantas (Malang)	0%	0%	0%	0%	0%	0%	10%	20%	20%	40%	40%	50%	50%	50%	90%	90%	100%
	6	DAS Sumber Brantas (Pasuruan)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	20%	20%	20%	50%
Total Payment for Environmental Services Program (PES) developed during in FY 2009																			1
Total Payment for Environmental Services Program (PES) developed up to end of FY 2008																			2
To date Achievement of Payment for Environmental Services Program (PES)																			3
Total target of Payment for Environmental Services Program (PES) over the life of project																			4
To date percentage of achievement on Payment for Environmental Services Program (PES)																			75%

Environmental Services Program

Appendix C10: Summary Achievement of Leveraging Other Funding to Support ESP Program (FN Outcome #3.g.)

Period: October - December 2008

Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
First Quarter (Oct 08 - Dec 08)	Other HPP (Excluded NAD)						
	1	Upstream Watershed Conservation	Directorat of Land and Water Management , Department of Agriculture	Public Sector	East Java	150,000.00	The budget was managed by community groups in Malang district and Batu Municipality to purchase tree seedling and funding other community trainings and ESP facilitated them on technical and management aspect of
	2	Development of Electricity Generator using Biogas	Pembangkitan Jawa Bali	Private Sector	East Java	16,000.00	The budget provided directly to the community group in Sumberejo village of Pasuruan district to support the developemnt of electricity generator using biogas. This activity as part of the follow up of action plans developed by the community groups during in the Field School activities. ESP provided technical support to the community group for this program.
	3	Development of Small Scale Sanitation System in Malang District (4 systems)	Dinas Cipta Karya dan Tata Ruang, Malang District	Public Sector	East Java	20,000.00	The budget used to support the construction of four Small Scale Sanitation System in TNBTS area (Argosari, Benjor, Duwet and Pandansari). This program is part of follow up activities of the field school program in those
	4	Global Hand Washing Day	PKK Kota Surabaya	Public Sector	East Java	1,500.00	The budget is used to support the implementation of the event especially for the logistic support such as renting chairs, tent, sound system, etc; as well as the transportation cost for the students, teachers and cadres to attend the event
	5	Construction of drinking water tank for Hippam in Gempol villages	Dinas Sumber Daya air dan Energi of Pasuruan district	Public Sector	East Java	9,448.10	The budget is used to buy the equipment for the drinking water facilities in the villages. This program as part of the follow up of Field School program in the
	6	Celebration of Global Handwashing Day 2008	SD Aisiyah, Wn. Kromo; SD Yapiston Wn. Kromo; SD Budi Darma Wn. Kromo; SDN Wn. Kromo 1; SDN Wn. Kromo 2; SD Raden Rahmat; SD MArdi Putera; SD AL Fur'qon dan SD Dakwatuh Hasanah	Public Sector	East Java	200.00	The budget is used to produce posters and other campaign materials and used during in the campaign activities
	7	Upstream Watershed Conservation	Directorat of Land and Water Management , Department of Agriculture	Public Sector	Central Java/DIY	90,000.00	The budget was managed by community group to purchase tree seedling and ESP facilitated them on technical and management aspect of land rehabilitation
	8	Optimalization of Using of IPAL Communal of Kota Yogyakarta	Dinal Lingkungan Hidup Kota Yogyakarta	Public Sector	Central Java/DIY	26,000.00	The fund was used to repair and reconstruct the house connection in 6 sites of Kota Yogyakarta. ESP provides technical support to improve and optimize the using of existing PAL .
	9	Tree Planting Program in Bolong Sub-watershed	Dinas Pertanian of Magelang District and BP DAS Serayu-Opak-Progo	Public Sector	Central Java/DIY	2,250.00	The fund was used to purchase seedlings under the implementation of GERHAN Program
	10	Tree Planting Program in Soti Sub-watershed	Dinas Lingkungan Hidup of Magelang District and Merbabu National Park	Public Sector	Central Java/DIY	975.00	The fund was used to purchase seedlings for th tree planting program
	11	Tree Planting Program in Blongkeng Sub-watershed	Merapi National Park and Perhutani	Public Sector	Central Java/DIY	900.00	The fund was used to purchase seedlings for th tree planting program
Sub-total of amount leveraged in HPP (excluded NAD) during First Quarter						317,273.10	
Sub-total of PPP developed in HPP (excluded NAD) during First Quarter						11	
Nanggroe Aceh Darussalam (NAD)							
Sub Total of Amount Leveraged in NAD Only during First Quarter							
Sub Total of PPP developed in NAD Only during First Quarter							
Total of Amount Leveraged in HPP and NAD during First Quarter of FY 2009						317,273.10	
Total of PPP developed in HPP and NAD during First Quarter of FY 2009						11	
Total Achievement of the Amount Leveraged in HPP and NAD up to FY 2008						21,015,220.45	
Total Achievement of the PPP Developed in HPP and NAD up to FY 2008						128	
To Date Achievement of the amount leveraged in HPP and NAD						21,332,494	
To Date Achievement of the PPP developed in HPP and NAD						139	
Total target of amount leveraged to support ESP program over the life of the project						15,000,000	
Total target of PPP developed to support ESP program over the life of the project						50	
To date percentage of achievement on total amount leveraged in HPP and NAD						142.22%	
To date percentage of achievement on total PPP developed in HPP and NAD						278.00%	